avila

catalog 1973-74

CORRESPONDENCE

Mailing address:

Avila College
11901 Wornall Road
Kansas City, Missouri 64145

Visitors are welcome on the campus. Administrative offices are open Monday through Friday from 8 a.m. to 4:45 p.m. and on Saturdays from 8:30 a.m. to 12 noon. It is advisable that appointments be made in advance.

The college telephone number is (816) 942-3204.

Catalog 1973-1974

Accreditation

North Central Association of Colleges and Secondary Schools
Missouri State Department of Public Instruction
Missouri State Board of Nursing
National League for Nursing
Council on Social Work Education

Membership

Association of American Colleges
National Commission on Accrediting
American Council on Education
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admissions Officers
American Association of University Women
College Entrance Examination Board
Kansas City Regional Council for Higher Education
Mid-America College Art Association
Missouri Association of Universities and Colleges
Independent Colleges and Universities of Missouri
Missouri Colleges Fund Committee
National Association of Student Personnel Administrators

Contents

Accreditation and Membership / 1

Calendar 1973-1974 / 3

Calendar 1974-1975 / 4

The College / 6

Admission and Expenses / 13

Academic Information / 25

Academic Regulations / 29

Courses of Instruction / 32

Administration / 73

Index / 79

Calendar 1973-1974

FIRST SEMESTER, 1973

August 29 - September 3	All-Campus Orientation
August 29	Junior and Senior Registration
	Resident Students arrive
August 30	Freshman and Sophomore Registration
September 4	Classes begin
September 17	Mass of the Holy Spirit
September 17-19	Interim Registration
October 19	Avila Day (no classes)
	Mid-semester break
October 20	Mid-semester date (no classes)
November 13	Pre-registration for second semester (no classes)
November 20	Thanksgiving recess begins after last class
	Resident Halls close
November 25	Resident Halls open
November 26	Classes resume
December 17	Registration for second semester
	Last day for filing applications for senior comprehensives and degrees to be conferred in May, 1974
December 17-22	Final Week sessions
December 22	Christmas recess begins after last session
	End of first semester
	Resident Halls close

INTERIM, 1974

January 2	Resident Halls open for Interim students
January 3	Interim begins
January 23	Close of Interim after last class
January 24	Registration for part-time and transfer students

SECOND SEMESTER, 1974

January 27	Resident Students arrive
January 28	Classes begin
March 16	Spring Break begins after last class

	Mid-semester date
	Resident Halls close
March 24	Resident Halls open
March 25	Classes resume
April 2	Pre-registration for first semester, 1974-1975 (no classes)
	Senior comprehensive examinations
April 10	Easter recess begins after last class
	Resident Halls close
April 15	Resident Halls open
April 16	Classes resume
May 11-17	Final Week sessions
May 13	Pre-registration for Interim, 1975
May 17	End of second semester after last session
May 17-19	Commencement Weekend
	Resident Halls close

SUMMER SESSION, 1974

June 7	Resident Halls open
	Registration for summer session
June 10	Summer classes begin
August 2	End of summer session after last class
	Resident Halls close

Calendar 1974-1975

FIRST SEMESTER, 1974

August 28 - September 2	All-Campus Orientation
August 28	Junior and Senior Registration
	Resident Students arrive
August 29	Freshman and Sophomore Registration
September 3	Classes begin
September 16	Mass of the Holy Spirit
September 16-18	Interim Registration
October 18	Avila Day (no classes)
	Mid-semester break
October 19	Mid-semester date (no classes)
November 12	Pre-registration for second semester (no classes)

November 19	Thanksgiving recess begins after last class
	Resident Halls close
November 24	Resident Halls open
November 25	Classes resume
December 16	Registration for second semester
	Last day for filing applications for senior comprehensives and degrees to be conferred in May, 1975
December 16-21	Final Week sessions
December 21	Christmas recess begins after last session
	End of first semester
	Resident Halls close

INTERIM, 1975

January 5	Resident Halls open for Interim students
January 6	Interim begins
January 29	Close of Interim after last class
January 30	Registration for part-time and transfer students

SECOND SEMESTER, 1975

February 2	Resident Students arrive
February 3	Classes begin
March 15	Mid-semester date
March 19	Easter Recess/Spring Break begins after last class
	Resident Halls close
March 31	Resident Halls open
April 1	Classes resume
April 8	Pre-registration for first semester, 1975-1976 (no classes)
	Senior comprehensive examinations
May 17-23	Final Week sessions
May 19	Pre-registration for Interim, 1975
May 23	End of second semester after last session
May 23-25	Commencement Weekend
	Resident Halls close

SUMMER SESSION, 1975

June 13	Resident Halls open
	Registration for summer session
June 16	Summer classes begin
August 8	End of summer session after last class
	Resident Halls close

The College

PRESENTING AVILA COLLEGE

Avila College was chartered in 1916, the first private college for women in Kansas City. Known then as the College of St. Teresa, it offered a two-year liberal arts program leading to an Associate of Arts degree. The rapid growth of the college suggested an expansion of buildings and curriculum. In 1940 it became a four-year college. In 1946 it was accredited by the North Central Association as a four-year college and has maintained accreditation since that time.

In 1963 Avila moved to a new campus at 119th and Wornall Road. When the first two buildings were completed classes began at the new location. Four more buildings were added in quick succession. Now in 1973 six buildings front the center campus: the academic building, the administration building, the student center, the faculty residence and chapel, and two residence halls. The theatre/nursing education complex is now under construction.

When the college moved to its new campus in 1963, the name of the college was shortened to Avila College. In 1969, the college became coed and accepted men as full-time students.

AVILA'S UNIQUENESS

Avila's uniqueness is manifest in its commitment to the total well-being of its students, faculty and staff. The Avila experience is, for students, the foundation for fulfillment in adult life. It is the discovery of one's individual identity and the enrichment of that identity through interaction with others. Avila's faculty presupposes that communicating with and caring for others are essential to successful human encounter.

Educationally Avila moves with the avant-garde to meet the increasingly complex needs of our society. Curriculum revisions continually allow for increased depth in the wide range of professional and liberal arts programs offered at Avila.

Nursing, teaching, business education, fine arts, religious studies and philosophy, social sciences, modern languages, natural sciences and mathematics — all offer the student a challenging educational experience in his chosen field.

Avila offers a professional degree with a liberal arts background, fostering appreciation of a good life coupled with the ability to help make life good for others.

Avila's ecumenical faculty, including the religious professional women of the Sisters of St. Joseph of Carondelet as well as lay faculty and staff members, strives to provide an effective education for this pluralistic society in which all persons of all beliefs must work together to achieve a healthy world. Every effort is made to provide an excellent teaching-learning-living environment at Avila.

UNIQUE EDUCATIONAL PROGRAMS

Nursing

Avila offers the only fully-accredited four-year baccalaureate degree program in nursing in Kansas City, Missouri. The program curriculum emphasizes and is highly regarded for excellence in undergraduate education. Additionally the Department of Nursing offers a program for diploma and Associate of Arts degree R.N.'s returning for their baccalaureate degrees.

Education

The MONTESSORI program, one of nine certified Association Montessori Internationale teacher-training programs in the United States, is the only one on a college campus offering a baccalaureate degree with AMI certification. The pre-school Montessori for children conducted on the campus provides observation and practical experience in the internationally famous AMI approach emphasizing the education of the **whole** child.

In SPECIAL EDUCATION, Avila offers two majors: Mental Retardation and Emotional Disturbance, and Learning Disabilities, a curriculum unduplicated in Kansas City.

Speech and Theatre

The Speech and Theatre Department provides an exciting and creative environment for the individual student learning his craft within a framework

of professional training. The Actors Laboratory Theatre Group of Avila is presently completing a unique, intimate experimental theatre with a multi-purpose stage unlike any facility in this area. Construction of Goppert Theatre with a thrust stage will be completed in 1974.

The theatre staff, experienced in both professional and educational theatre, is well-qualified to guide the student in whatever area of speech and theatre he may enter.

SOCIAL WORK

Avila offers the student majoring in social work the opportunity of working closely with the Cooperative Social Work Action Program (Co-SWAP) in a sequence of courses in social welfare structured in accordance with the standards of the Council of Social Work Education.

Enhancing the classroom work, the student has actual field experience, where he works in situations that will confront him as a social worker. This field experience is made available to students majoring in sociology and social work through the Kansas City Regional Council for Higher Education.

THE HARRY S TRUMAN DISTINGUISHED LECTURE SERIES

The Harry S Truman Distinguished Lecture Series, initiated at Avila College in the Fall of 1971, brings to the campus national figures qualified to speak with authority and clarity on the major issues of our time. In keeping with the Truman direct approach, lecturers for the series are chosen for their clear thinking and concise delivery of facts and supporting data.

This permanent lecture series brings one distinguished speaker to Avila each year. Avila is pleased through this lecture series to give students a chance to hear authoritative men speak out clearly for that which they believe.

FUTURE PLANS

Projected plans for the college include an expanded student body of 1000 to 1200 students. Curriculum and calendar changes will continue to create further opportunities for learning in individual and creative ways.

The combined Goppert Theatre and Borserine Nursing Education Center is under construction at the present time and is scheduled for completion in 1974. Plans are under consideration for the Henry A. Bundschu Library and Learning Center.

PHILOSOPHY

Avila College is a liberal arts college dedicated to learning and to service sponsored by the Sisters of St. Joseph of Carondelet. The college recog-

nizes these beliefs: the dependence of man upon God, the dignity and worth of the individual, the sacredness and integrity of the family, the interdependence and unity of all men, and the obligation to serve mankind.

First and foremost, Avila intends the student's acquisition of knowledge which will contribute to his personal and professional interests. Students are encouraged to question, to probe, to criticize, to evaluate. The college faculty, committed to excellence and enriched by academic achievement and life experience, guide the students in this endeavor.

Avila College upholds the view that true education directs man to his ultimate destiny. In a Christian atmosphere, the students are encouraged to perfect their physical, intellectual, and moral powers and to develop as adult individuals, aware of and responsive to society. Avila College recognizes and respects the religious convictions of every student.

The college believes that education is an active, creative, social process which has its full impact on the total person: his religious values, intellectual integrity, emotional maturity, leadership, and professional competency.

BUILDINGS

Six modern buildings surround the college quadrangle and provide facilities for Avila students:

O'Rielly Hall 1963
Academic building with science laboratories and lecture hall, language laboratory, assembly hall, and classrooms.

Blasco Hall 1963
Administrative offices and 52,500 volume library.

Carondelet Hall 1965
Residence hall with twin-bed rooms for 124 students, lounge facilities, study areas, recreation rooms, and kitchenettes. The first floor houses men students. The lower level contains the Hodes Education Center (1973) housing teacher preparation programs in Montessori, elementary and special education; faculty offices, and classrooms.

Marian Center 1965
Student center with cafeteria, snack bar, lounges, private dining area, and book store.

Foyle Hall 1967
A faculty house with 38 private rooms and the Orscheln Memorial Chapel for general use.

Ridgway Hall 1970
Residence hall with twin-bed rooms for 124 women, lounge facilities,

study areas, recreation rooms, and kitchenettes. The lower level contains art studios, classrooms, offices and the Hole-in-the-Wall Gallery.

Goppert Theatre 1974
Theatre with thrust stage with a seating capacity of 500.

Borserine Center 1974
Academic building with simulated nursing laboratories and classrooms.

Bundschu Library 1976
Projected library to house 75,000 volumes.

Learning Center 1976
A center for audio-visual instruction aids.

AN URBAN COLLEGE

As an urban college, Avila offers to students Kansas City's many intellectual and cultural advantages. The student's learning experience can be widened by the use of research, science, and health study facilities in the city. By special arrangements with the college, students share in specific science research and study conducted by Midwest Research Institute. Science reference materials at one of the country's leading science libraries, Linda Hall Library, are available to students.

Students can attend the Kansas City Philharmonic Concerts, the Lyric Opera, the Ruth Seufert series (music, dance, drama), and the Jewish Community Center Poetry Readings and Repertory Theatre. The Nelson-Atkins Art Gallery and the Harry S Truman Library offer celebrated collections of art and historical memorabilia. During the summer the Starlight Theatre and the Missouri Repertory Theatre attract many.

Opportunities abound for hearing world renowned lecturers; viewing films; participating in seminars and institutes; and working with inner city, suburban, racial, and ecumenical groups.

HONOR SOCIETIES

Delta Epsilon Sigma is a national scholastic honor society for students of Catholic colleges and universities. Students who have completed fifty percent of their undergraduate program with a 3.5 grade point average are eligible for membership.

Kappa Gamma Pi is a national honor society for alumnae of Catholic women's colleges. Students graduating with a 3.6 grade point average and manifesting a potential for leadership are eligible for membership.

Pi Delta Phi is a national honor society for French majors and minors.

Alpha Sigma Pi is an Avila College honor society for recipients of the Avila Medal.

Awards

The Avila Medal is an honor conferred by the president. The award is made on qualifications of character, service, and loyalty.

The Ariston Award is an honor conferred by the students on the outstanding senior.

Alumni Association

Through the Avila College Alumni Association, men and women who have attended the college can maintain friendships and loyalties developed during their college years. Any student who has completed one year at Avila is considered an alumnus. Through the association, alumni promote the continued growth of the college and their own interest in higher education.

Campus Ministry

The Campus Ministry program is designed to enhance the religious dimensions of campus life. Campus Ministry strives to serve and involve members of the various churches as well as those with different religious outlooks. Student initiative is emphasized in planning activities, including worship, special programs and retreats. Campus Ministry works in conjunction with all elements of the campus, to serve students, faculty and staff in their search for religious experience and insights. Cooperation with local churches and community groups adds the dimension of mutual service and learning.

Student Health Service

The Student Health Service is equipped to provide health care for minor illnesses and emergency situations to those students wishing to avail themselves of this service. Resident students, who become ill or are involved in an accident, will be cared for by physicians approved by the college, until the parents or legal guardians can be contacted. All students living at home will be under the care of their own family physician during illness or accident. It is understood that students will be responsible for all medical and hospital bills incurred. All full-time students admitted to Avila must have a health examination submitted to the college before they will be allowed to register for classes. All students are required to carry sickness and accident insurance. A signed consent for the use of the Health Service must be presented to the college by the parents or legal guardian of every full-time student under 21 years of age.

STUDENT COUNSELING SERVICE

To regularly enrolled students, faculty, and staff members of Avila College, the Student Counseling and Testing Service (located in lower Carondelet Hall) offers educational, vocational, and personal counseling on an individual or group basis.

Examples of the type of concerns a student might bring to his counselor are: selection of a major field of study; conflict in attitudes and expectations about self-lack of direction or motivation; conflicts with family or friends; or problems with study habits and skills. While the personal interview is most utilized, a wide range of aptitude, interest, and personality tests are available as an additional source of information for the student's use. Students come to the center on their own initiative as well as on a basis of referral by faculty and staff members. Students may make appointments either in person or by telephoning the Counseling Center. Faculty members wishing to facilitate a referral may use a form provided by the center or may telephone the counselors directly.

STUDENT ACTIVITIES

Participation in organizations and extracurricular activities is available to every student. There is much value in the social learning derived from this kind of involvement. Also, most of the recognized functions of student oriented organizations relate to curriculum and classroom experiences. Each student at Avila is expected to exercise his own judgment in his pursuit of activities outside the classroom.

All inquiries about student activities and organizations should be directed to the Coordinator of Student Life Activities.

Admissions and Expenses

ADMISSION TO THE FRESHMAN CLASS

Requirements for Admission

Admission to Avila College is based on the applicant's academic record, personal qualifications, and evidence of ability to do college work.

In evaluating an applicant for admission the Committee on Admissions and Scholarships considers certain basic data, usually shown on the high school transcript, including: rank in class, courses taken, and national test scores.

The applicant is expected to be a graduate of an accredited high school with sixteen units of high school work which should be distributed as follows: four units in English; two units in mathematics, including algebra and geometry; two units in social science; two units in natural science; and six units in electives.

The applicant must present scores from either the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Testing Program, Inc. The applications for the test can be obtained from the high school guidance counselor or by writing at least six weeks in advance of the test to either the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey 08540; or to P.O. Box 1025, Berkeley, California 94701; or to the American College Testing Program, Inc., P.O. Box 168, Iowa City, Iowa 52240. The test should be taken early, preferably in November or December. A person who has graduated from high school more than one year before entering college need not take a college entrance examination.

The candidate for admission must present on the form supplied by the college, an acceptable certificate of health from a licensed doctor of medicine.

Application Procedure

The applicant should have the following sent to the Director of Admissions:

1. An application accompanied by the $20 application fee. This fee is not refundable.

2. An official transcript of the high school record.

3. Scores from the Scholastic Aptitude Test or the American College Test.

4. Recommendation form completed by applicant's guidance counselor or high school principal.

Applicants will be notified of acceptance or rejection when the above credentials have been received and evaluated. Upon acceptance to the College, the following will be needed to complete admission requirements;

1. The health report form. (Part of Admission)

2. A room reservation fee of $50 for those who plan to live on campus. This fee is not refundable after May 15.

ADMISSION OF TRANSFER STUDENTS

In addition to the requirements listed for admission to the freshman class, transfer students must present official transcripts from each college attended. Transfer students need not take a college entrance examination.

A "C" average (on a scale where C = 2.00) is necessary for unconditional admission. In this computation, all college work attempted is included.

The associate degree, oriented toward the baccalaureate degree, will be accepted as fulfilling the core requirements of Avila College with the exception of prerequisite courses for certain degrees and/or majors. A maximum of seventy-two semester hours of junior college credit will be accepted toward the total hours required for a degree.

Nine semester hours of correspondence credit will be accepted toward a degree. Credits received more than fifteen years ago will be accepted toward a degree, but not toward the total hours required for a major.

Transfer students must have the approval of a major in writing from the major subject adviser before entering the junior year.

Students transferring from non-accredited colleges will be accepted provisionally until thirty semester hours have been successfully completed at Avila College.

Records of transfer students are evaluated by the registrar.

ADMISSION OF MILITARY PERSONNEL AND VETERANS

In addition to the requirements listed for admission of transfer students, military personnel and veterans will be granted credit for military service and college-level work completed in service schools as recommended by the Commission on Accreditation of Service Experiences of the American Council on Education.

ADMISSION OF FOREIGN STUDENTS

In addition to the requirements listed for admission to the freshman class, applicants from other countries are to take the Test of English as a Foreign Language. Information and applications may be obtained from TOEFL, Educational Testing Service, Princeton, New Jersey 08540.

ADMISSION OF REGISTERED NURSES

The Department of Nursing provides the opportunity for the registered nurse to earn a Bachelor of Science in Nursing degree. Registered nurses who are graduates of diploma or associate degree programs are eligible for admission. Advanced placement credit for some courses in the liberal arts and sciences and in the nursing courses may be granted after satisfactory performance on proficiency examinations. The R.N. applicant must meet the same admission and graduation requirements as those required for all students.

ADMISSION OF SPECIAL STUDENTS

College graduates and students regularly matriculated at other institutions may be admitted to courses when the following credentials have been received by the Director of Admissions:

1. A formal application for admission.
2. An official statement from the academic dean or registrar of the institution granting the degree certifying that the student is either a graduate of the institution or is in good standing and has permission to enroll for the specified courses.
3. An official transcript from institution granting degree if student is not planning to transfer credits back to parent institution, or if the student is working toward teacher certification.

ADMISSION OF PART-TIME STUDENTS

Applicants who wish to enroll in a degree program but are unable to carry a full-time schedule will be admitted as part-time students and may

carry fewer than 12 semester hours. They must fulfill all the requirements for regular admission and comply with the academic regulations of the college and such general regulations as the academic dean may require.

PRE-FRESHMAN ADMISSION

Upon completion of the junior year in high school, students may register for college courses on the freshman level under the following conditions:

1. They must meet general admissions standards of the college.
2. They must submit a special application for admission that includes two recommendations. One is to be from the high school counselor and one from a high school instructor.

Courses taken for credit will count as credit after the student enters college as a regular student. Such courses will not count either toward the high school diploma or as college entrance requirements.

ADVANCED PLACEMENT OF FRESHMEN

Advanced placement (with or without credit) is given to students who have done advanced work in high school and make satisfactory scores on the Advanced Placement Examination of the College Entrance Examination Board.

CREDIT BY EXAMINATION

Avila College recognizes the fact that academic credit by examination is a valid and useful measure of scholastic achievement. The college presumes that persons seeking such credit are sufficiently knowledgeable in the area to be tested as to preclude any pre-test tutorial service.

The Avila College Testing Center will administer examinations for credit to all persons requesting this service. Both the CLEP and departmental-type examinations are available.

If the person desiring credit by examination is not previously or currently enrolled at Avila College, he will receive credit for the successfully challenged course upon enrollment. With the approval of his academic adviser, a student may challenge a course in which he is currently enrolled. With acceptable scores, he must then officially withdraw from said course in order to receive credit by examination. The director of testing services will explain and outline specific procedures.

CLEP examinations for credit are administered during the third week of each month. The General Examinations are offered on the third Saturday of each month and the Subject Examinations on the third Monday of each month. There is a charge of $15.00 for each CLEP Subject Examination

and $15.00 for each General Examination when taken separately. If two or more General Examinations (there is a total of five) are taken at one session, the charge is $25.00.

Departmental examinations for credit may be challenged as often as the department submitting the examination allows. These examinations will be administered four times yearly in January, April, August, and October.

Upper division courses may be challenged at the discretion of the departments involved. Performance courses and courses involving lab work and practicums are also dependent upon departmental decisions.

The Departmental examination fee is $10.00 per credit hour. Students not receiving credit will receive a refund of all but $15.00 of the fee payment.

Students may register for any of these examinations at the Testing Office, O'Rielly Hall approximately three weeks in advance of the testing dates.

COOPERATIVE PROGRAMS

Avila College is a member of the Kansas City Regional Council for Higher Education (KCRCHE), a consortium of eighteen colleges. Full-time students from any KCRCHE institution may register for one course per semester at any other KCRCHE institution without payment of additional tuition. See the academic dean for details.

Avila College has a more extended program of cooperation with Rockhurst College permitting full-time students to take more than one course per semester without payment of additional tuition on the KCRCHE plan.

THE WINTER INTERIM

A series of interim projects is offered during the month of January. A student's participation in an interim project is optional, and the experience is planned by an instructor or adviser and the individual student.

While options for independent study are available, emphasis is placed on the development of group projects, more individual freedom and student responsibility in the pursuit of learning, and a more flexible approach to the teaching-learning process. The interim encourages more extensive use of off-campus resources and facilities than usually occurs during the fall and spring semesters.

Interim projects include practicum experiences of a social, cultural, educational, and service nature, on the local, national, and international levels.

Approximately three weeks are spent in the interim project. Credits and grades are arranged through a mutual decision of faculty adviser and student. Complete listing of interim project offerings is available during the spring and fall semesters.

FOREIGN STUDY

Avila recognizes the value of foreign study and encourages students to participate in the INTERIM: PARIS, a January study program specifically designed for Avila students. This mid-term experience, made available through cooperation with FACETS (The Franco-American Council on Educational Travel and Studies) enables Avila students to obtain credit in art, history, or French, while enjoying life in an exciting European milieu. In addition to the INTERIM: PARIS Program, Avila endorses Warnborough House, an international academic foundation offering students a unique foreign study experience in Oxford, England.

Students interested in international education opportunities may request further information from the Director of Foreign Studies.

GENERAL EXPENSES

Full-Time Students 12-18 Hours	**1973-74**
Tuition (Per Year)	$1,470.00
Student Activity Fee (Per Year)	25.00
Student Center Fee (Per Year)	9.00
Part-Time Students 1-11 Hours	
Tuition Per Credit Hour (No General Fee)	$ 45.00
Tuition Per Credit Hour for Evening Classes (Beginning 5:00 p.m.)	30.00
Residence Hall	
Room and Board for Double Room (Per Year)	$1,050.00
Room and Board for Single Room if Available (Per Year)	1,250.00
Room Reservation Deposit (See Section on Refund Policy)	50.00
Interim Expenses	
Registration Fee (For Students in Full-Time Attendance First Semester)	$ 10.00
Tuition Per Credit Hour (For Students Not in Attendance First Semester or in Attendance Part-Time. All but $10 may be Applied to Full-Time Tuition for Second Semester.)	40.00
Room and Board (Per Week)	25.00

Room and Board (Per Day)	6.00

Fees for Students in Nursing

Nursing Process	$ 60.00
Med. Surg. Nsg. I	20.00
Med. Surg. Nsg. II	20.00
Mental Health Nsg.	20.00
Pediatric Nsg.	20.00
Community Health Nsg.	20.00
Leadership in Nsg.	20.00

Miscellaneous Fees and Special Services

Student Health Insurance (Per Year)	$ 38.00
Student Health Insurance (Second Semester)	24.00
Application Fee for all New Students	20.00
Tuition for Each Credit Hour Above Eighteen (Excluding Chorus and Physical Education)	45.00
Student Teaching Per Credit Hour (in Addition to Tuition)	8.00
Private Lessons in Piano, Organ, Voice	
One Lesson Per Week for One Semester (Non-Credit)	60.00
Two Lessons Per Week for One Semester (1-2 Hours Credit Possible)	90.00
Note: The $90.00 Includes Tuition and Music Fee for Part-Time Students. (Full-Time Students Pay $90.00 in Addition to Tuition.)	
Science Lab Fee	15.00
Dance Lab Fee (Per Hour)	10.00
Ceramics Fee	12.00
Sculpture Fee	12.00
Photography Fee	15.00
Graphic Design	15.00
Art for Elementary School Fee	5.00
Physical Skills	As Announced
Credit by Examination Per Semester Hour	10.00
Graduation Fees	20.00
Special Registration (Early or Late)	10.00

The charge for auditing courses is the same as for courses taken for credit.

The college reserves the right to revise its charges and fees at any time should it be deemed necessary.

Private telephones are available to each dormitory room at commercial rates.

PAYMENT OF ACCOUNTS

All accounts are due and payable on registration. After the first ten class days, a deferred payment fee of $8.00 is automatically assessed on all unpaid accounts. Students with delinquent accounts may be assessed extra fees and/or not permitted to attend class until the payment is made.

DEFERRED PAYMENT PLAN

If the student elects to use the deferred payment plan, 50% of all charges are due at registration and the balance divided into three monthly payments. A deferred payment fee of $8.00 is charged. A $5.00 delinquent fee may be charged when payments are not made on time.

MONTHLY PAYMENT PLAN

Those who prefer to finance the cost of college through monthly payments may do so under a special program arranged by the college. Additional information may be obtained from the Director of Admissions or the Business Manager at Avila College.

ROOM AND MEALS

1. Rooms are reserved by written application to Avila College and payment of a $50.00 Room Deposit.
2. Former or present residents of a dormitory are not required to send a deposit with their application if a $50.00 deposit is already on record.
3. For refunds of the Room Deposit, see section on Refund Policy.
4. An application is placed on a waiting list when both the application and deposit are received.
5. Occupants of the dormitory are required to furnish sheets, pillow cases, and mattress pads for twin size beds. Students launder their own linen. Favorite pillows may also be brought.

REFUND POLICY

First and Second Semester

Students who withdraw during the first week of classes are charged a withdrawal fee of $25.00 and will be charged $6.00 per day for room and board.

Students who withdraw from the college during the second week will have 75% of the tuition refunded and will be charged $6.00 per day for room and board.

Students who withdraw from the college during the third week will have 50% of the tuition refunded and will be charged $6.00 per day for room and board.

Students who withdraw from the college during the fourth week will have 25% of the tuition refunded and will be charged $6.00 per day for room and board.

After the fourth week no refunds are made for tuition, room and board and all accounts are due in full.

Note: No fees are refundable.

The $50.00 room reservation and damage deposit, less unpaid assessment, is refundable to the student under the following circumstances:

a) Illness requires withdrawal from college,
b) student is asked by the college to leave,
c) college is unable to accommodate student,
d) any new student who withdraws his application, and who notifies the Admissions Office prior to May 15 for first semester or December 15 for second semester,
e) to those who graduate or who do not reserve a room for the following Fall semester; to those who withdraw during the summer and who notify the Housing Office by July 15 for the Fall semester, or 45 days prior to the first day of class for the Spring semester.

Interim

Students who officially withdraw before classes begin are entitled to full refund of tuition or registration fee less the $5 withdrawal fee.

Students who officially withdraw before one-third of a session is completed are entitled to a 75 per cent refund of tuition or a $5 refund of the registration fee.

FINANCIAL ASSISTANCE PROGRAMS

The Financial Aid Committee considers the total needs of the applicant and awards one or a combination of financial aid programs available at the college accordingly.

All students asking for financial assistance from Avila College are requested to complete the application for admissions procedure and submit an application for financial aid. To complete the application for financial aid it will be necessary that the Parents' Confidential Statement be filed with the College Scholarship Service. The Parents' Confidential Statement is used by the College to ascertain need for all financial assistance programs.

Avila Scholarships

The Scholarship Program for full-time students is administered by the Committee on Admissions and Scholarships. With the assistance of supporting organizations, the college has established a scholarship program in which students ranking in the upper one-fifth of their graduating class may compete with other applicants for scholarships. Evidence of financial need will be a factor in making these awards. The scholarship may cover all or part of tuition costs.

In evaluating an applicant for scholarship, the Committee on Admissions and Scholarships considers certain basic data, usually shown on the

high school transcript, including: rank in class, courses taken, and national test scores. All applications and credentials for scholarships should be received by the college by March 1.

Scholarship stipends may be renewed for each of three successive years, provided that student performance remains satisfactory and a cumulative grade point average of "B" (3.0) is maintained.

Avila Grants

Full-time students who show promise of college potential and who evidence financial need may apply for tuition grants. Such grants are renewable each year upon application and are reviewed by the Financial Aid Committee.

Supplemental Educational Opportunity Grant

The Higher Education Act of 1965 provided an allotment of money to institutions of higher education with the responsibility to administer the grants. The amount of grant depends upon the parents' income as determined by the Parents' Confidential Statement. Through this program a student may receive a grant ranging from $200 to $1000. The amount of the grant will be matched by Avila College in the form of a scholarship, another grant, loan, or work-study. Acceptance at Avila College and financial need are the only qualifications for eligibility for these grants.

Basic Educational Opportunity Grant

The Basic Educational Opportunity Grant is a new program which will be implemented for the 1973-74 academic year. During this initial year, funds will be available only to first-semester freshmen enrolling for the first time in a post-secondary institution. To be eligible, the student must be accepted for enrollment and must be enrolled on at least a half-time basis. Eligibility is determined by completing the Application for Determination of Family Contribution and submitting it to the independent processor indicated on the BEOG form.

National Direct Student Loan

The National Direct Student Loan is available to students who are currently enrolled or accepted for enrollment at Avila College. Application should be made by April 15.

Students may borrow as much as $1000 a year up to a maximum of $5000 for their entire undergraduate education if they maintain at least half-time student status.

The repayment period begins nine months after graduation or the formal termination of the college education. The interest begins to accrue at

that time at the rate of 3 per cent per year on the unpaid balance. The repayment period extends for ten years. Repayment must equal at least $15 per month per year.

For students who become full-time teachers in any public, private, or parochial school, as much as 50 per cent of the loan may be forgiven at the rate of 10 per cent a year up to five years of teaching. Borrowers who teach in approved elementary or secondary schools which are eligible for assistance under Title II of Public Law 874, 81st Congress, as amended, will be forgiven 15 per cent of the amount borrowed for each year of teaching in approved schools. Seven years of teaching in Title II approved schools will clear obligations to the loan program without cash repayment. The teaching of handicapped children also qualifies the borrower for 15 per cent per year cancellation. For military service performed after June 30, 1970, 12½ per cent of the total loans plus interest may be cancelled for each year of consecutive military service not to exceed 50 per cent of the total loan. In the event of the death or permanent total disability of the borrower, the loan will be cancelled in full.

Work-Study Employment

Avila College participates in the College Work-Study Program. The purpose of this program is to provide part-time employment opportunities for students as a part of their financial aid package. Eligibility for the program is determined by financial need.

Federally Insured Loans

Through the Federally Insured Loan Program, a student may borrow up to $2500 per year from a commercial bank. See your personal banker for application and information.

Nursing Student Loan

The Nursing Student Loan Program provides loans up to $2500 per academic year for undergraduate students in the last three years of Nursing study.

On all loans made after June 30, 1972, an interest rate of 3 per cent per year shall apply. Interest is computed only for periods for which the loan is repayable and not computed during the student's course of study.

Up to 85 per cent of the loan, plus accrued interest thereon, may be cancelled when the borrower is employed full-time as a professional nurse in any public or nonprofit institution, at the rate of 15 per cent per year for the first three years and 20 per cent for the next two years.

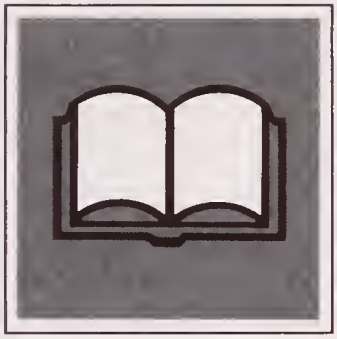
Up to 85 per cent of the amount of the loan, plus accrued interest thereon, may be cancelled when the borrower is employed full-time as a professional

nurse in a public or nonprofit hospital in any area determined by the Secretary to have a substantial shortage of such nurses at such hospitals, at the rate of 30 per cent per year for the first two years and 25 per cent a year for the third year.

Nursing Student Scholarship

Under the Nursing Scholarship Program, only undergraduate students in their last three years of Nursing study, and of exceptional financial need, may be awarded scholarships. Through this program, a student may be awarded a scholarship up to $1500.

Academic Information



DEGREES

Avila College offers a four-year course in the liberal arts and sciences leading to the degree of Bachelor of Arts and a four-year course in the liberal arts and sciences with some professional preparation leading to the degrees of Bachelor of Science in Medical Technology or Bachelor of Science in Nursing.

Bachelor of Arts

The candidate for the Bachelor of Arts degree must meet the following requirements:

1. Completion of at least 128 semester hours of academic work with a minimum grade point average of 2.0 (average grade of C). No more than 42 hours may be required for a major. No more than 60 hours in one subject may be counted toward the 128-hour requirement.
2. Completion of the final 30 hours at the college.
3. Completion of the following core requirements:

Humanities —at least 25 hours in at least 4 of the following areas:

Art	Philosophy
English	Religious Studies
Foreign Language	Speech and Theatre
Music	

Social and Behavioral Sciences — at least 12 hours in at least 3 of the following areas:

Economics	Political Science
Geography	Psychology
History	Sociology

Natural Sciences and Mathematics — at least 10 hours in at least 2 of the following areas:

Biological Science
Physical Science
Mathematics

4. Completion of a major of not less than 27 semester hours in one subject area including 20 semester hours in upper division courses; a minimum grade of "C" in each upper division course in the major. Completion of at least 12 upper division hours in the major at the college.

5. Completion of requirements specified by major departments.

6. Approval of a major in writing from the major subject adviser before entering the junior year.

7. A thesis, comprehensive examination, recital, or exhibit.

8. The National Teacher Examination is required of all seniors with a major or minor in education.

Bachelor of Science in Medical Technology

The candidate for the Bachelor of Science in Medical Technology degree must meet the following requirements:

1. Completion of at least 130 semester hours of academic work with a minimum grade point average of 2.0 (average grade of C). A minimum of 100 semester hours of academic work must be taken at the college level and the remainder at an affiliated hospital.

2. Completion of the final 30 hours of the Junior year at the college.

3. Completion of the following requirements:

Humanities — 21 hours
Recommended courses:
Speech (2)
Basic Writing (3)
Moral Issues or Ethics (3)

Social and Behavioral Sciences — 12 hours
Recommended courses:
General Psychology (3)
Introduction to Sociology (3)

Natural Sciences — 63 hours
Required courses:
Biology 111, 112, 116, 117, 146, 147, 192, 194
Chemistry 11 or 21, 111, 112, 120, 121, 141

Mathematics 16, 17 or 31
Physics 11, 12

Medical Technology

MT 14	1 hour
Clinical Experience: MT 181, 182, 183, 184, 185, 186	30 hours

4. Completion of a major of not less than 30 semester hours; a minimum grade of "C" in all courses in the major. This requirement is fulfilled by a twelve-month course in medical technology in an affiliated hospital school.

5. Completion of two minors, one in chemistry and one in biology. This requirement is fulfilled by taking the courses in natural sciences specified above.

6. Approval of the major in writing from the adviser in medical technology before entering the Junior year.

7. Typewriting is a required skill and students who have not acquired the skill before admission must do so before registering for the Senior year.

Bachelor of Science in Nursing

The candidate for the Bachelor of Science in Nursing degree must meet the following requirements:

1. Completion of at least 129 semester hours of academic work with a minimum grade point average of 2.0 (average grade of C).

2. Completion of the Senior year at the college,

3. Completion of the following requirements:

Humanities	17 hours
Required Courses:	
Writing (3)	
Speech (2)	
Social Science	12 hours
Required Courses:	
Sociology (6)	
Ethics (3)	
Behavioral Science	12 hours
Required Courses:	
Psychology (12)	
Natural Science	28 hours
Required Courses:	
Chemistry (8)	
Biology (16)	

Mathematics (3)
Metrology (1)

Nutrition 2 hours

Completion of a major of not less than 52 semester hours; a minimum grade of "C" in all courses in the major. No more than 60 hours in nursing may be counted toward the 129-hour requirement.
Completion of a minor in one subject area (psychology or sociology recommended).
Approval of the major in writing from the chairman of the department before entering the junior year.
The National League for Nursing Achievement and Comprehensive Tests in each of the required areas at the discretion of the department chairman.

Academic Regulations

CREDIT HOURS AND GRADING SYSTEM

All credit is designated in semester hours of credit as follows:

	Points per semester hour
A - excellent	4
B - good	3
C - average	2
D - below average	1
F - failure	0
P - equivalent to A, B or C, under Pass or No Credit option	0
No Credit - under Pass or No Credit option no credit, no grade	0
W, WP - withdrawal no credit, no grade	0
WF - withdrawal failing with penalty	0
Audit - no credit, no grade	0

I - incomplete, becomes an F six weeks after a session if the incomplete is not removed by that time. On the Pass or No Credit option, incomplete is changed to No Credit if the incomplete is not removed in six weeks.

For grades incurred by withdrawals, see the section on Program Changes and Withdrawals.

The basis for determining academic standing is the point-hour ratio. It is obtained by dividing the total number of grade points earned by the total number of semester hours attempted, including transfer credits, excluding courses in which the marks, W, WP, No Credit, Audit and P are recorded.

The Pass or No Credit option is made available to students as follows:

1. Courses may be taken on this option with the approval of the instructor and the major adviser. Permission forms are to be obtained from the registrar.

2. This option is to be contracted with the instructor before the last day given for entering a class. (Within two weeks during semester sessions and a shorter time during interims and summer sessions.)

3. The instructor records the final grade as Pass or No Credit only. The Pass grade is equivalent to A, B, or C. The No Credit grade is equivalent to D or F.

4. A Pass grade may not subsequently be converted to a standard letter grade nor may the course be retaken for a standard letter grade.

STUDENT LOAD AND CLASSIFICATION

A full-time student carries from twelve to eighteen credit hours each semester. Excess credits may be carried only with the approval of the academic dean. A part-time student carries from one to eleven hours.

Students on a degree program must have the approval of his adviser and the academic dean to take courses at another college. This request will not be granted if the student is within thirty hours of a degree, if the course is available on campus, or if the student does not have a C average.

Sophomore status —
24 semester hours and 48 grade-points

Junior status —
60 semester hours and 120 grade-points

Senior status —
92 semester hours and 184 grade-points

ATTENDANCE

Attendance at all classes and examinations is required.

HONORS

Students are eligible for the Dean's List who have a course load of at least 15 hours carrying grade-points and a grade-point average of at least 3.5.

Degrees are conferred with the following honors:
summa cum laude — 3.9 grade-point average
magna cum laude — 3.7 grade-point average
cum laude — 3.5 grade-point average

TRANSCRIPT OF CREDITS

Student records are confidential, therefore, official and unofficial transcripts are issued only at the written request of the student. Official transcripts are forwarded by direct mail to other institutions. Unofficial transcripts are issued to students for personal use. The fee for each transcript issued is $1.00 payable in advance.

Academic records are released when financial obligations to the college have been met.

PROGRAM CHANGES AND WITHDRAWALS

Any change in registration, including withdrawal from a course, must be made within one week of change or withdrawal on the appropriate form supplied by the registrar. The fee for each change in registration is $5.00.

After the second week of the semester, no further changes in registration may be made.

A student who withdraws officially from a course before mid-semester, receives a grade of W; after the mid-semester, the student receives a grade of WP (withdrawal passing) or WF (withdrawal failing) depending upon the academic status at the time of withdrawal. Students who withdraw without authorization receive a final grade of F.

PROBATION AND DISMISSAL

All students must maintain a cumulative grade point average of 2.0 (C average). Failure to maintain a C average places the student on academic probation. If the probation is not removed within a reasonable length of time, the student is subject to dismissal by action of the Committee on Admissions and Scholarships.

The conduct expected of students should be such as is generally accepted and appropriate in an academic community. This standard does not permit:

1. Conduct that obstructs or disrupts teaching, research, administration, or other college activities;
2. Student failure to react properly to administrative requests;
3. Indecent conduct or speech.

Failure of a student to observe the standard of acceptable behavior may, upon due deliberation by the administration, in conference with those involved, and after a hearing for the student, result in dismissal of that student.

Courses of Instruction

DEPARTMENTS

The academic departments of the college and the subject areas included in these departments are as follows:

Department of Religious Studies and Philosophy

Department of Modern Languages
English, French, Spanish

Department of Fine Arts
art, music, speech and theatre

Department of Natural Sciences and Mathematics
biology, chemistry, earth science, mathematics, medical technology, physics

Department of Social Science
administration of justice, history, political science, social work, sociology

Department of Business
business and economics

Department of Education and Psychology

Department of Nursing

Students may major in the following areas: administration of justice, art, biology, business and economics, chemistry, pre-school education, elementary education, special education, English, French, history, mathematics, medical technology, music, natural science, nursing, psychology, social work, sociology, Spanish, speech and theatre, religious education.

Minors are offered in most major areas and in secondary education,

philosophy, and theology.

A two-year business program is offered.

COURSE DESCRIPTIONS

Courses numbered 11-99 are lower division and are intended primarily for freshmen and sophomores. Those numbered 111-199 are upper division and are more advanced.

Consecutive numerals separated by a comma, e.g., Fr 11, 12, indicate a course sequence through the year.

The numeral in parentheses after the course title indicates the credit in semester hours.

The Roman numeral following the course description indicates the semester in which the course is given. First semester course offerings are indicated by I; second semester, II. Where frequency of course offering is not indicated, the course is given as required.

Administration of Justice (AJ)

Major: Associate Degree in Administration of Justice or its equivalent (15 to 27 hours) including English Writing (3), American National Government (3), Speech Communication (3), Introduction to Psychology (3), Introduction to Sociology (3), and electives as needed for a total of sixty (60) hours. The last two years at Avila College should include courses in

Business and/or Economics	9 hrs.
Psychology	9 hrs.
Political Science and/or Social Work	6 hrs.
Sociology	9 hrs.
Major field courses (minimum of 27 hours required with at least 6 hours at Avila)	6-12 hrs.
Electives	29-23
Total	68 hrs.

No minor offered.

111. TECHNIQUES OF AGENCY ADMINISTRATION. (3)
A comparative study of traditional and contemporary agencies involved in the administration of criminal justice, including on-site visits, reviewing philosophy, organization, administration, budgeting techniques, and materials.

115. CONTEMPORARY CONFLICTS BETWEEN THE CRIMINAL JUSTICE SYSTEM AND THE COMMUNITY. (3)
Study of issues involving problems in the administration of justice concerning police discretion, plea bargaining, court procedures, and community-based programs in corrections.

120. DIRECTED STUDY AND RESEARCH. (3)
Study and research in a specialized area of the administration of justice. May involve the completion of a research project in cooperation with a functioning criminal justice agency.

125. ADMINISTRATION OF CRIMINAL JUSTICE SEMINAR. (3)
A study of selected problems of individual concern to the student in an area of interest relating to the administration of justice.

Art (Ar)

Major: Forty-two hours including Ar 11, 12, 31, 41, 42, 51, 71, 121, 132, 152, 181 or 184, and 185.

The student proposing to major in art must demonstrate an acceptable level of proficiency to the art faculty following completion of Art Foundation (Ar 11 to 112; and Ar 132) in order to determine readiness for work on the senior art exhibit.

Minor: Ar 11, 12, 31, 41, 42, 51, 71 and twelve semester hours of upper division art.

The Teaching of Art: Studio major, minor in Secondary Education. (See Education section.)

11. DRAWING I. (2)
Drawing fundamentals; two-dimensional design and beginning figure.

12. DRAWING II. (2)
Composition and figure drawing.

13, 14. DRAWING AND PAINTING. (2, 2)
Evening course. No prerequisites.

31. CERAMICS I. (3)
Fundamentals of three-dimensional structures; hand-building; elements of design; firing, glazing; introduction to wheel throwing.

32. CERAMICS. (2)
Evening course. No prerequisites.

41, 42, PAINTING I, II. (2, 2)
Two-dimensional design and picture making.

51. SCULPTURE I. (3)
Three-dimensional design; awareness and discovery of design in materials; introduction to modeling, carving, casting.

71. SURVEY OF ART. (2)
Study of relationship between man in his world and in his art expression; art history periods.

111, 112, 113. DRAWING III, IV, V. (2, 2, 3)
Figure drawing and composition; all media.

115. Art for the Elementary School. (3)
Art as a content subject. Perceptual learning. Production and evaluation of art.

121. GRAPHIC DESIGN I. (3)
Lettering and fundamentals of print-making.

122. GRAPHIC DESIGN II. (3)
Print-making. Development of skill in the medium. Further production and communication.

123, 124. PHOTOGRAPHY I, II. (3, 3)
Knowledge of the process. Picture-taking, developing, printing, enlarging. Photography as an art form.

132. CERAMICS II. (3)
Emphasis on wheel throwing; ceramics sculpture; glaze composition.

133, 134. CERAMICS III, IV. (3, 3)
Emphasis on wheel throwing; clay and glaze composition; independent design.

141, 142. PAINTING III, IV. (3, 3)
Experiences with media to structure, interpret and communicate ideas.

143. PAINTING V (3)
Communication with continuing sensitivity to life, environment and ideas in color structure.

145. WATER MEDIA. (3)
Theory, practice, creative expression.

152. SCULPTURE II. (3)
Extended modeling, carving and other building procedure.

153, 154. SCULPTURE III, IV. (3, 3)
Extended studio experience in metals and wood. Independent exploration of media and form.

181. HISTORY OF RENAISSANCE ART. (3)
Study of development of the Italian and Flemish schools and the style of individual artists. Prerequisite: Ar 71.

184. HISTORY OF POST-RENAISSANCE ART. (3)
Study of Western art from the Renaissance to the 20th Century. Prerequisite: Ar 71.

185. HISTORY OF 20TH CENTURY ART. (3)
Sculpture and painting from 1900 through the present. Slide discussion, readings, gallery visits. Prerequisite: Ar 71.

186. HISTORY OF JAPANESE ART. (3)
Study of the culture, images, symbols, vocabulary of Japanese art production from the pre-Buddhist to the Tokugawa period.

198. ART PROBLEMS I. (5)
Art-making: moving from idea to form in two and three dimensions.

199. ART PROBLEMS II. (5)
Thesis exhibit requirement. See explanation.

ED 195. TEACHING OF ART IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

All senior students are required to organize and present an exhibit of representative works during the final semesters. The student exhibitor finances the professional photography of one set of selected color slides from the exhibit for the art department slide collection.

Biology (Bi)

BIOLOGICAL SCIENCE

Major: Bi 12, 13; twenty-five semester hours in upper division biology including Bi 116, 117, 146, 151, 161, 171; supplementary hours in the related fields of chemistry, mathematics and physics, including Ch 11 or 21, 22, 111, 112; Ma 31 or 16, 17; Phy 11, 12.

Minor: Bi 12; twenty semester hours in upper division biology.

NATURAL SCIENCE
(PRE-PROFESSIONAL CURRICULUM, HEALTH-RELATED SCIENCES)

Major: Bi 12, 13; Ch 11 or 21, 22; Phy 11, 12; thirty semester hours in upper division chemistry or biology, including Bi 111, 112, 116, 117, 146, 194 and Ch 111, 112. This major is recommended for the student preparing to enter a school of medicine or dentistry. The special entrance requirements of the professional schools to which the student may later apply are considered when electives are chosen.

No minor is offered in this area.

SCIENCE EDUCATION

Students preparing to teach biology on the secondary level major in biology and minor in secondary education (see requirements in Education section). For students interested in the teaching of science at the elementary level in a departmentalized school system, an area major in the natural sciences is recommended, together with the education courses required for a state teaching certificate.

12. GENERAL ZOOLOGY. (4)
A consideration of structural organization and function, similarity and differences, and differentiation in living organisms, both plant and animal. No prerequisites. Three hours lecture, three hours laboratory and discussion per week. II

13. GENERAL BOTANY. (4)
Survey of major plant groups. Diversity of structure and reproduction. Emphasis is given to the structures and functions of cells, tissues and organs of flowering plants. No prerequisites. Major requirement. 3 hours lecture, 3 hours laboratory. II

111, 112. HUMAN ANATOMY AND PHYSIOLOGY I, II. (4, 4)
A study of the structure and function of the human body.

116. HEREDITY AND EVOLUTION. (3)
Principles of heredity in plants and animals; nature, transmission and function of genetic material; population genetics and evolution. Prerequisite: Bi 12. Lectures three hours per week. I, alternate years

117. LABORATORY IN GENETICS. (1)
Experimental genetic studies using Drosophila and microorganisms. Prerequisite: Bi 116 or concurrently. Laboratory three hours per week. II, alternate years

141. GENERAL BIOCHEMISTRY. (3)
An investigation of the chemical processes in living matter. Prerequisite: Bi 12, Ch 112. Lectures three hours per week. I, alternate years

142. BIOCHEMISTRY LABORATORY. (1-2)
A study of natural products, metabolism and instrumentation. Prerequisites: Bi 12, Ch 112; Bi or Ch 141 or concurrently. Laboratory three to six hours per week. I or II, alternate years

146. GENERAL MICROBIOLOGY. (4)
Morphology, physiology, nutrition, metabolism and growth of microorganisms; beneficial and harmful relationship of microorganisms to man; techniques of isolation and cultivation. Prerequisites: Bi 12, Ch 13 or 112. Lectures three hours, laboratory four hours per week. I

147. PATHOLOGICAL MICROBIOLOGY AND IMMUNOLOGY. (4)
The salient characteristics of bacteria, rickettsiae, and viruses both pathogenic and adventitious, associated with diseases of man. Prerequisite: Bi 146. 3 hours lecture, 1 hour laboratory per week. II

151. GENERAL PHYSIOLOGY. (4)
Physico-chemical principles underlying functional activities common to living organisms; function of animal organ systems. Prerequisites: Bi 12; Ch 112 or concurrently. Lecture three hours, laboratory three hours per week. II, alternate years

161. DEVELOPMENTAL BIOLOGY. (4)
Principles of development in plants and animals; cell differentiation and morphogenesis. Prerequisites: Bi 12. Lectures three hours, laboratory three hours per week. II, alternate years

171. ENVIRONMENTAL BIOLOGY. (4)
A study of the interrelationships existing among living organisms, plant or animals, and their environment with a view to formulating principles governing such relationships. Prerequisites: Bi 12. Lectures three hours, laboratory three hours per week; short field trips. I, alternate years

192. HEMOTOLOGY AND PARASITOLOGY. (4)
Biology and medical significance of the animal parasites of man as well as their importance in human communities. A biological and physiological study of blood. Prerequisite: Bi 12. 3 hours lecture, 3 hours laboratory. II

194. MEDICAL TERMINOLOGY AND INTRODUCTION TO PATHOLOGY. (2)
Latin and Greek roots, prefixes and suffixes of medical terms, abbreviations and symbols: the language of medicine and terms of community health. No prerequisites. 2 hours lecture.

195. TEACHING OF BIOLOGY IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

198. BIOLOGY SEMINAR. (1-3)
Selected readings and discussion of current topics in biological research or independent study. Prerequisites: Junior standing; twelve hours of upper division work in biology.

199. BIOLOGY RESEARCH. (1-6)
Individual student research project. Prerequisite: Consent of department.

Business (Bu)

The Department of Business is designed to provide students with professional knowledge and basic skills needed to assume positions of administrative responsibility in a wide variety of areas, with concentrations in:

- Accounting
- Business Education
- Management
- Personnel Administration
- Retail Marketing
- Secretarial Administration

In addition to these areas of concentration, special programs may be designed for students with particular interests and needs; such as, hospital administration, international business, medical secretarial and legal secretarial preparation. Students may choose a major program in Business to obtain the following:

- Bachelor of Arts Degree (Major in Business)
- Associate of Arts Degree (Business)
- Certificate in a Special Area in Business

All courses listed are applicable to the Bachelor of Arts Degree in Business, the Associate of Arts Degree in Business, and the Certificate Programs in Business.

BACHELOR OF ARTS DEGREE (Major in Business)

Basic Requirements:

Bu 51, 52	Principles of Accounting I, II	6 hrs.

Bu 199	Internship in Business (or Student Teaching)	6 hrs.
Ec 41, 42	Principles of Economics I, II	6 hrs.
Ec 171	Social Values in Economic Life	3 hrs.
En	English Writing Course	3 hrs.
Ps 11	General Psychology	3 hrs.
	Area of Concentration (listed below)	30-39 hrs.
	Electives	98-89 hrs.
	Total	128 hrs.

Area of Concentration:

Accounting — Bu 114, 131, 144, 145, 148, 151, 152; Cost Accounting I, II; Tax Accounting; Ma 50.

Business Education —Bu 12 (or equivalent), 13, 22 (or equivalent), 111, 112, 113, 114, 121, 122, 131, 132, 151 (or Cost Accounting); Ec 141. See Education section for requirements for secondary teacher education.

Management — Bu 113, 131, 132, 141, 144, 146, 147, 148, 160; Managerial Accounting; Ma 50.

Personnel Administration — Bu 113, 144, 146, 147, 160; Ed/Ps 121; Ma 50; Ps/Bu 110; Ps 171, 188; So 11, 153, 161.

Retail Marketing — Bu 113, 131, 132, 141, 142, 143, 144, 146; Ar 11, 41 or 71; So 11.

Secretarial Administration — Bu 12 (or equivalent), 13, 22 (or equivalent), 111, 112, 113, 121, 122, 131, 160.

ASSOCIATE OF ARTS DEGREE (Business)

Basic Requirements:

Bu 51, 52	Principles of Accounting I, II	6 hrs.
Bu 98, 99	Field Experience	6 hrs.
Ec 41, 42	Principles of Economics I, II	6 hrs.
En	English Writing Courses	6 hrs.
Ps 11	General Psychology	3 hrs.
ST 11	Speech Communication	2 hrs.
	Area of Concentration (listed below)	23-24 hrs.
	Electives	12-11 hrs.
	Total	64 hrs.

Area of Concentration:

Accounting — Bu 114, 131, 148, 151, 152; Cost Accounting I, II; Tax Accounting.

Management — Bu 113, 131, 132, 141, 144, 146, 148, 160.

Personnel Administration — Bu 113, 146, 147; Ed/Ps 121; Ps/Bu 110; Ps 171, 188; So 11.

Retail Marketing — Bu 113, 131, 141, 142, 143, 144, 146; Ar 41 or 71.

Secretarial Administration — Bu 12 (or equivalent), 13, 22 (or equivalent), 111, 113, 121, 131, 160.

CERTIFICATE PROGRAMS IN BUSINESS

Basic Requirements:

Bu 51	Principles of Accounting I	3 hrs.
En	English Writing Course	3 hrs.
Ps 11	General Psychology	3 hrs.
	Area of Concentration (listed below)	27 hrs.
	Total	36 hrs.

Area of Concentration:

Accounting — Bu 52, 114, 131, 151, 152; Cost Accounting I, II; Ec 41, 42.

Management — Bu 52, 113, 131, 141, 144, 146, 160; Ec 41, 42.

Personnel Administration — Bu 113, 146, 147; Ec 41; Ed/Ps 121; Ps 110, 171, 188; So 11.

Retail Marketing — Bu 52, 113, 141, 142, 143, 144, 146; Ec 41, 42.

Secretarial Administration — Bu 12 (or equivalent), 13, 22 (or equivalent), 111, 113, 121, 122, 131, 160.

Conditions for Earning a Certificate:

Candidate must complete the English Writing course with a grade of C or better.

Candidate must take at least 50 percent of the 36 hours required for the Certificate Program in Business at Avila College.

Minor in Business — Bu 41, 52; Ec 41, 42 and twelve semester hours of upper division business and/or economics.

11. ELEMENTARY TYPEWRITING. (3)
Correct keyboard technique, speed and accuracy building, tabulation, simple letters. I

12. INTERMEDIATE TYPEWRITING. (3)
Continued development of the overall typewriting skill. Emphasis on correspondence, tabulations, manuscripts, and other business forms. Prerequisite: Bu 11 or equivalent. II

13. ADVANCED TYPEWRITING. (3)
Experience in typing more complex correspondence, tabulations, manuscripts, and secretarial projects. Prerequisite: Bu 12 or equivalent. I

21. ELEMENTARY SHORTHAND. (3)
Principles of Gregg shorthand with emphasis on reading and writing speed. I

22. INTERMEDIATE SHORTHAND. (3)
Emphasis on building shorthand writing speed. Prerequisite: Bu 21 or equivalent. II

31. BUSINESS MATHEMATICS. (3)
Use of mathematical principles applying to interest, payrolls, taxes, financial statements, stocks and bonds, insurance, and depreciation. I (alternate years)

41. INTRODUCTION TO BUSINESS. (3)
Study of business and its environment; the various roles of business organizations, the relationship of business to government, the interdisciplinary approach to the management of the firm. I

51. PRINCIPLES OF ACCOUNTING I. (3)
Introduction to the terminology, concepts, and procedures of modern accounting. I

52. PRINCIPLES OF ACCOUNTING II. (3)
Continuation of Bu 51. Accounting for partnerships, corporations, and branches. Introduction to cost accounting. Use of basic accounting theories as an aid to management. Includes the analysis and interpretation of financial statements. Prerequisite: Bu 51. II

98, 99. FIELD EXPERIENCE I, II. (3, 3)
On-the-job experience to supplement class work in a chosen area of concentration over 15 to 20 hours per week under the supervision of a training sponsor and a coordinator from the college. Students will increase their understanding of business by discussing and analyzing their experiences with fellow students and the coordinator. Required for Associate of Arts Degree in Business.

110. INDUSTRIAL PSYCHOLOGY. (3)
See Ps 110. I

111. SECRETARIAL PROCEDURES. (3)
Comprehensive treatment of secretarial duties performed in modern business offices. II

112. BUSINESS MACHINES. (3)
Realistic business problems and applications to develop competent operators of ten-key adding machines, printing and electronic calculators, duplicating machines, and dictation equipment. Prerequisite: Bu 31 or equivalent. I

113. BUSINESS COMMUNICATIONS. (3)
Summary of appropriate areas of communication theory followed by applications to business. Composition of specific types of business letters, inter-office communications, and reports from a management and human-relations approach. Prerequisite: English Writing Course. I (alternate years)

114. BUSINESS DATA PROCESSING. (3)
Comprehensive treatment of the fields of data processing, computer systems and devices, basic programming elements and concepts of Cobol, Fortran IV, and PL/1, principles applicable to the organization and management of the data processing department. II (alternate years)

121. BEGINNING SHORTHAND TRANSCRIPTION. (3)
Designed to increase shorthand writing speed and to begin transcription skill building. Prerequisite: Bu 22 or equivalent. I

122. ADVANCED SHORTHAND TRANSCRIPTION. (3)
Continuation of Beginning Shorthand Transcription with emphasis on speed building in dictation and transcription. Prerequisite: Bu 121. II

131. BUSINESS LAW I. (3)
Study of the legal aspects of contracts, agency and employment, commercial paper, personal property and bailments. I

132. BUSINESS LAW II. (3)
Study of the legal aspects of sales, security devices, partnerships, corporations, real property, estates and bankruptcy, government and business. Prerequisite: Bu 131.

141. PRINCIPLES OF MARKETING. (3)
Introduction to the principles and practices of marketing goods and services. Strategy and planning are emphasized, and the marketing concept given extensive treatment. I (alternate years)

142. PRINCIPLES OF ADVERTISING. (3)
Introduction to the multidimensional role of advertising in our society. Emphasizing analysis of advertising as a form of communication and persuasion, as a component of our economic and social systems, and as a means of financing the mass media. II (alternate years)

143. PRINCIPLES OF SALESMANSHIP. (3)
Principles and methods of effective personal selling, with emphasis on customer analysis and methods of sales presentations. I (alternate years)

144. PRINCIPLES OF MANAGEMENT. (3)
Introductory course stressing basic principles of management applicable to any business, or to operating a department of government, a non-profit organization, a union, or a trade association. I (alternate years)

145. PRINCIPLES OF INVESTMENT. (3)
Analysis and evaluation of the major types of investing media and the selection of the most suitable ones for the investor. Emphasis on the individual investor and his particular circumstances and needs. II (alternate years)

146. PERSONNEL ADMINISTRATION. (3)
Study of the organization and operation of the personnel department. Consideration is given to planning and controlling the administration of personnel functions, including employee procurement, placement, training, job evaluation, wage administration, performance rating, health and safety. II (alternate years)

147. LABOR-MANAGEMENT RELATIONS. (3)
History of the labor movement in the United States. Study of labor markets, trade unionism, collective bargaining; wage determination, unemployment, and labor legislation. I (alternate years)

148. CORPORATE FINANCE. (3)
Study of financing of business enterprises, with particular reference to the corporation. The development of the corporate form of organization in the U.S. is also surveyed. Prerequisite: Ec 42. I (alternate years)

151. INTERMEDIATE ACCOUNTING I. (3)
Review of the accounting process and financial statements. Study of investments, receivables, inventories, and liabilities. Prerequisite: Bu 52. I (alternate years)

152. INTERMEDIATE ACCOUNTING II. (3)
Study of the accounting for plant and equipment (acquisition, depreciation, and retirement), intangibles, long-term liabilities, stockholders' equity, and financial statement analysis. Prerequisite: Bu 151. II (alternate years)

153. FEDERAL INCOME TAXATION I. (3)
Discussion of the legal history of federal income tax, the significance of regulations and rulings, the manner by which tax disputes are settled, coverage of the individual, non-business taxpayer problems, business taxpayer problems, and the federal income tax laws regarding partners and partnerships. I

154. FEDERAL INCOME TAXATION II. (3)
Comprehensive examination of the fundamental characteristics of federal income tax as applied to corporations, the effect of income tax laws upon shareholders, capital gains and losses, the sale and disposition of property, and the splitting of income for the purpose of lowering income taxes. II

160. OFFICE ADMINISTRATION. (3)
Designed to prepare students to administer office functions: methods, equipment, systems, policies. II (alternate years)

199. INTERNSHIP IN BUSINESS. (6)
Two hundred (200) hours of work experience to be performed in a position approved by the department. Cooperatively administered by employer and faculty adviser. Comprehensive written report. Business majors of senior standing only. I and II.

ED 195. TEACHING OF BUSINESS IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section. I (alternate years)

Chemistry (Ch)

Major: Ch 11 or 21, 22, and thirty semester hours in upper division chemistry including Ch 111, 112, 121, 131, 132; Phy 11, 12; Ma 31, 112, or Ma 16, 17, and 31.

Minor: Ch 11 or 21 and sixteen semester hours, twelve of which should be in upper division chemistry.

NATURAL SCIENCE
(PRE-PROFESSIONAL CURRICULUM, HEALTH-RELATED SCIENCES)

Major: Bi 12, 13; Ch 11 or 21, 22; Phy 11, 12; thirty semester hours in upper division chemistry or biology, including Bi 111, 112, 116, 117, 146, 194 and Ch 111, 112. This major is recommended for the student preparing to enter a school of medicine or dentistry. The special entrance requirements of the professional schools to which the student may later apply are considered when electives are chosen.

No minor is offered in this area.

SCIENCE EDUCATION

Students preparing to teach chemistry on the secondary level major in chemistry and minor in secondary education (see requirements in Education section). For students interested in the teaching of science at the elementary level in a departmentalized school system, an area major in the natural sciences is recommended, together with the education courses required for a state teaching certificate.

11. GENERAL CHEMISTRY. (4)
Nature of matter, atoms, chemical bonds, stoichiometry, gases, liquids, solids, changes of state, solutions, colloids, equilibrium, oxidation, reduction, nuclear chemistry. I

13. INTRODUCTION TO PHYSIOLOGICAL AND ORGANIC CHEMISTRY. (4)
Structure and relationship of organic compounds and their reactions to the physiology of the human system. Terminal course for non-science majors. II

15. MAN, CHEMISTRY AND SOCIETY. (3)
An introductory course for non-science majors dealing with the fundamental concepts of chemistry and their application to such areas as consumer chemistry, food and drugs, environmental problems and biochemistry.

16. INTRODUCTION TO PHYSICAL SCIENCE. (4)
Essential elements of physics and chemistry for students not majoring in science.

21. ADVANCED GENERAL CHEMISTRY. (4)
General inorganic chemistry on an advanced level for those who qualify through adequate background. I

22. GENERAL CHEMISTRY. (4)
Continuation of the general principles of chemistry with emphasis on solution chemistry and qualitative analysis. Prerequisite: Ch 11 or 21. II

111, 112. ORGANIC CHEMISTRY. (5, 5)
Principles, laws, and theories governing the formation and reactions of aliphatic and aromatic compounds. I, II

120. INTRODUCTION TO INSTRUMENTAL METHODS OF ANALYSIS. (4)
A terminal course for those in medical technology.

121. QUANTITATIVE ANALYSIS. (4)
Principles and techniques of quantitative gravimetric and volumetric analysis. I

122. INSTRUMENTAL METHODS OF ANALYSIS. (4)
For the chemistry major or minor, advanced methods and skills of instrumental analysis. II

131, 132. PHYSICAL CHEMISTRY. (4, 4)
Physical laws and theories as applied to chemical phenomena. Prerequisites: Ch 22. I, II

141. BIOCHEMISTRY. (4-5)
Investigation of the chemical processes in living matter. Prerequisite: Ch 112.

151. INORGANIC CHEMISTRY. (3)
Theoretical approach to the modern concepts of molecular structure of inorganic compounds. Prerequisite: Ch 122.

161. ORGANIC QUALITATIVE ANALYSIS. (3)
Identification of organic compounds by qualitative chemical and physical methods. Prerequisite: Ch 122.

171. CHEMICAL LITERATURE. (1-2)
An introduction to the use of the technical library and research facilities; practice in reference work and use of periodicals.

181. ORGANIC PREPARATION. (1-2)
Independent student study and laboratory preparation of assigned compounds.

192-197. CHEMISTRY SEMINAR. (1)

198. CHEMISTRY RESEARCH. (1-2)
Selected topics and student research projects.

ED 195. TEACHING OF CHEMISTRY IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

Dance (Da)

No major is offered.

Minor: The student is required to complete twenty-six hours in dance.

111. BALLET TECHNIQUE AND THEORY. (2)
Essentials of the classical ballet technique; exercises and combinations to develop skill and style.

121. CHARACTER DANCE: BALLET. (2)
Spanish, Scottish, Russian, French, and American Folk.

131. DANCE ENSEMBLE: BALLET. (2)
Participation in ballet performances.

141. MODERN DANCE TECHNIQUE AND THEORY. (2)
Fundamentals of movement, analysis and practice of action in space, time and dynamics are practiced. Theory, principles of dance explained, discussed, and studied.

151. MODERN DANCE COMPOSITION. (1)
Opportunity to understand, practice and develop skill in the construction of both solo and group dance forms.

161. MODERN IMPROVISATION. (1)
Methods that develop a creative response to oneself, situations, and environment; and enables one to seek out the very fibers of movement, to explore all possibilities of the creative process.

171. MODERN DANCE ENSEMBLE. (2)
Participation in modern dance performances. Opportunity to perform with Modern Dance Company.

Earth Science (ES)

No major or minor is offered.

11. EARTH SCIENCE. (4)
Study of the physical and historical aspects of geology, plus weather and astronomical relations of the earth. Laboratory study of minerals, rocks, maps, and fossils.

Economics (Ec)

No major is offered.

Minor: Ec 41, 42, 171, and 9 semester hours of upper division economics.

41. PRINCIPLES OF ECONOMICS I. (3)
Examination of the structure and operation of the American economy; national production, employment, and income; monetary and fiscal policy; and public finance. I

42. PRINCIPLES OF ECONOMICS II. (3)
Study of prices and competition; monopoly, monopolistic competition; and oligopoly; income distribution; international economics; economic development and comparative systems. II

131. INTERNATIONAL ECONOMICS. (3)
Survey course emphasizing the economic theory and practice of foreign trade and exchange, and the political problems which automatically accompany them. Prerequisite: Ec 42.

141. PERSONAL FINANCE. (3)
Course in which student studies personal budgeting, credit instruments, insurance, social security, annuities, pensions, investments, home ownership, taxes, and estate planning.

151. COMPARATIVE ECONOMIC SYSTEMS. (3)
Analysis of significant similarities and differences in the leading economic systems in the modern world.

161. MONEY AND BANKING. (3)
Investigation of the complex money and credit structure, various types of money and credit, banking structure, Federal Reserve System, foreign exchange, price levels, and economic stability. Prerequisites: Bu 52; Ec 42.

171. SOCIAL VALUES IN ECONOMIC LIFE. (3)
Study of the relationship of business to society by examining the social responsibility of business in areas such as technology, the urban community, less-advantaged citizens, ecology, etc. Multinational business as an agent of social change and productivity. II

181. HISTORY OF ECONOMIC THOUGHT. (3)
Analysis of basic concepts of economic thought from Aristotle to John Maynard Keynes; their historical sources and significance.

191. PUBLIC FINANCE. (3)
Financing of government; the economic effect of various forms of taxes and other means of raising revenue for governmental operations. Prerequisites: Ec 42; Bu 51.

Education (Ed)

PRE-SCHOOL EDUCATION

Major: Hours in education: Ed 121 or 141, 151, 186, 187, 189, 190, and 196 (Montessori).

Major: Hours in education: Ed 121, 125, 126, 128, 141, 151, 186, 191, and 196 (Pre-School). No minor is offered.

ELEMENTARY EDUCATION

Major: Hours in education: Ed 121, 141, 151, 175, 186, 191, and 196.

SPECIAL EDUCATION

Major in Mental Retardation: The following courses are required: Ed 121, 136, 141, 151, 156, 163, 166, 168, 170, 176, 186, and 196.

Major in Emotional Disturbance and Learning Disabilities: The following courses are required: Ed 121, 136, 141, 151, 156, 163, 166, 167, 169, 176, 186, and 196.

A student may be certified in all three areas of Special Education by taking the courses in both areas (MR, ED and LD).

SECONDARY EDUCATION

No major is offered. Students preparing to teach on the secondary level major in the teaching field and minor in secondary education. This minor includes requirements for state teaching certificate.

Minor: The following courses are required: Ed 121 or 123, 141, 181 or 186, 193, 195, and 196.

16. CHILDREN'S LITERATURE. (2)
Types of children's books; criteria for selection and evaluation of these books; relation of reading to children's needs, abilities, and interests. II

121. HUMAN GROWTH AND DEVELOPMENT. (3)
A detailed study of the main patterns of growth and development of the person over the life span; emphasis on the social, intellectual, emotional and professional development of the person. I and II. See Ps 121.

123. ADOLESCENT PSYCHOLOGY. (3)
Detailed study of adolescent behavioral patterns; stress on adjustment, identification, intellectual phenomena; physiological and cultural pressures; the choice of a career. Practical observations. I. See Ps 123.

125. CREATIVE TEACHING FOR THE PRE-SCHOOL AND ELEMENTARY CHILD. (3)
Course designed to develop skills and abilities to teach pre-school children creatively; a blend of activities is used: art, literature, music, drama, science, mathematics in a programmed series to help develop the full potential of the child. I

126. PROGRAMMED TEACHING FOR THE PRE-SCHOOL AND ELEMENTARY CHILD. (3)
Understanding the child; techniques of zeroing in on the individual child's deficits; building a sequenced learning program that will help the child "catch up" and "keep up." II

128. EARLY CHILDHOOD LITERATURE AND MUSIC. (3)
A study of and practical experience with the literature and music that can be used with children from pre-school through primary grades. II

136. SPEECH AND LANGUAGE PROBLEMS OF EXCEPTIONAL CHILDREN. (3)
Exploration of speech problems associated with exceptional children; normal speech development; mechanisms of speech; indications for referral. I

141. EDUCATIONAL PSYCHOLOGY. (3)
Application of psychological principles to the field of education; nature of the learn-

ing process; motivation devices; evaluation of learning. I

146. PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. (2)
Total fitness program directed toward the elementary school child; methods of evaluating fitness; organization of programs of physical education based upon sound principles of human growth and development. II

151. TEACHING OF READING IN THE ELEMENTARY SCHOOL. (3)
Objectives, methods, and techniques of teaching reading in the elementary school; place of reading in the curriculum; use of phonics; summary of currently used methods. II

156. READING PROBLEMS: EXCEPTIONAL CHILDREN. (3)
Selection of methods and materials designed to aid children with various problems in learning to read; emphasis upon typical problems; diagnosis and remediation procedures. I. Prerequisite: Ed 151.

156. READING PROBLEMS: SECONDARY SCHOOL. (3)
Selection of methods and materials designed to aid students with various reading problems, emphasis upon typical problems in the secondary school; diagnosis and remediation procedures. I

161. TEACHING OF SCIENCE IN THE ELEMENTARY SCHOOL. (2)
Organization of the science program in the elementary school and its place in the curriculum; opportunities for experience in laboratory and field work.

163. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3)
Investigation of atypical children; description of various types of exceptionality; educational and social provisions; problems; general current remediation procedures. II. See Ps 163.

166. PARENT COUNSELING FOR TEACHERS. (3)
Methods in the conferencing situation; emphasis upon parent attitudes; insight into the development of the child in direct and indirect ways; methods of helping parents to change child behavior. I. See Ps 166.

167. CURRICULUM, METHODS, AND MATERIALS FOR EXCEPTIONAL CHILDREN: LD AND ED. (4)
Selection and application of appropriate procedures, methods, and techniques applicable for teaching exceptional children; experience in the construction of appropriate educatlonal materials; directed observation of their use with children. Prerequisite: Ed 169. II

168. CURRICULUM, METHODS, AND MATERIALS FOR EXCEPTIONAL CHILDREN: M. R. (4)
Same course content as Ed 167, except with reference to mentally retarded children. II

169. CHARACTERISTICS OF EXCEPTIONAL CHILDREN: LEARNING DISABILITIES AND EMOTIONAL DISTURBANCE. (4)
Exploration of the characteristics of the exceptional child with an emphasis upon identification, diagnosis, and remediation procedures in the classroom and in other social situations. I

170. CHARACTERISTICS OF EXCEPTIONAL CHILDREN: MENTAL RETARDATION. (3)
Same course content as Ed 169, except with reference to mentally retarded children. II

171. FUNDAMENTALS OF GEOGRAPHY. (3)
Basic geographical concepts; methods of teaching geography at the elementary school level. II

173. HEALTH EDUCATION. (2)
An overview of the philosophy, organization, and activities of community health including the school health program; exploration of the major health issues of contemporary concern in school and community. I

175. INSTRUCTIONAL MEDIA. (3)
Classroom, laboratory, and community experiences designed to provide knowledge and skill in the selection, production, and presentation of instructional media appropriate to age level, individual differences, and subject area. I

176. TESTS AND MEASUREMENTS (3)
Administration and interpretation of psychological and achievement tests; evaluation of specific measurement instruments and their use in the school. I. See Ps 176.

177. BEHAVIOR MANAGEMENT TECHNIQUES FOR PARENTS AND TEACHERS. (3)
Methods of behavioral control for learning both academic and social behavior; utilizes principles of operant conditioning; helpful for parents and teachers. II

179. ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT. (3)
Study of the organization of subject matter for various grade levels; methods of classroom procedures and management principles; relation to administrative personnel; practicum. I

180. PERCEPTUAL MOTOR TRAINING. (3)
Study of children evidencing gross motor, fine motor, and sensory motor disabilities; characteristics; diagnosis; prescriptive programming. I

181. SECONDARY SCHOOL ORGANIZATION AND MANAGEMENT. (3)
Study of the organization of subject matter for various secondary levels; classroom procedures and management principles; relation to administrative personnel; practicum. II

186. FOUNDATIONS OF EDUCATION. (3)
An independent study course open to juniors and seniors preparing to teach; directed readings in four areas: history of education, philosophy of education, current trends, problem areas in education; discussion sessions. I

187. PHILOSOPHY OF MONTESSORI. (3)
Review of the philosophy which is the backgound of Montessori education; application in observation periods and use of materials. Summer Session only.

188. MONTESSORI THEORY. (1)
A one-week workshop in the theory of Montessori education for interested persons not planning to complete the training course. Summer Session only.

189. MONTESSORI METHODS I AND II. (10)
Extended study of Montessori theory including the pre-school child's care and development; learning through experience and self-directed activity; educational procedures; prepared environment for the formation of the individual. Observation, practice, and preparation of materials. Summer Session; I and II. Prerequisites: Ed 187 and Ed 190.

190. PSYCHOLOGY OF MONTESSORI. (3)
Study of the psychological development of the pre-school child with a view to understanding the basis of the Montessori method of teaching; application in observation periods and use of materials. Summer Session only.

191. GENERAL METHODS AND OBSERVATION IN THE ELEMENTARY SCHOOL. (4)
Steps in lesson preparation and planning at different levels of the elementary school; actual observation of the teaching-learning process in preparation for the formal student teaching assignment. II

193. GENERAL METHODS AND OBSERVATION IN THE SECONDARY SCHOOL. (4)
Steps in lesson preparation, planning, and presentation; selection and application of appropriate procedures, methods, and techniques; actual observation of the teaching-learning process in preparation for the student teaching assignment. I

195. SPECIAL METHODS OF TEACHING SECONDARY SCHOOL SUBJECTS. (2)
This course is offered by the departmental staff of the student's major field and includes methods and procedures special to that area of secondary teaching. I or II

196. STUDENT TEACHING: PRE-SCHOOL; ELEMENTARY; SPECIAL; SECONDARY. (8)
Professional laboratory experience in a classroom setting; supervision and guidance shared between the cooperating teacher and the college supervisory staff. By arrangement two months in advance of registration date. Prerequisites: major and minor requirements completed. I and II

199. SEMINAR IN EDUCATION. (3)
Independent study and research; individual guidance in basic research techniques; writing of extensive research paper. Restricted to full-time students. I and II

English (En)

Major: En 12, 13, 14, or 15 and En 25, 26, 27, or 28. Thirty hours of upper division in a wide area of English courses, including En 199, to be chosen with the approval of the major adviser; at least eight supplementary hours in related fields to be chosen with the approval of the major adviser or a minor in a related field.

Minor: En 12, 13, 14, or 15 and En 25, 26, 27, or 28. Eighteen hours of upper division in a broad area of English courses to be chosen with the approval of the minor adviser.

Requirements:

1. Successful completion of the following:
   a. The Comprehensive Examination at the conclusion of En 199, Seminar,
   b. the three-hour written essay examination on specified work of literature,
   c. the half-hour oral examination before members of the English Department and
   d. the Graduate Record Examination.

These requirements are meant to test the students' 1) general grasp of movements and works of literature, 2) ability both to write clearly and to attack independently a piece of literature, 3) ability to speak about literature with some degree of sensitivity and skill, and 4) rank with other college students of English across the nation.

11. WRITERS' LABORATORY. (3)
Intensive review of fundamentals of grammar, punctuation, and composition; extensive opportunity for directed training in the writing of clear, effective prose; some practice in techniques of the research paper.

12. ATTITUDE AND PURPOSE IN WRITING THROUGH THE WOMAN'S ROLE: PAST, PRESENT, AND FUTURE. (3)
A study of woman's struggle for acknowledgment and equality in society. Development of compositional skills and experience in practical criticism through frequently assigned short papers.

13. WRITERS' CLINIC: A PERSONAL ENCOUNTER. (3)
Extensive practice in writing, concentrating on sentence structure, paragraphing, diction, and the mechanics of English. Subjects for writing will be selected by the student according to individual interests. Guidance in preparation of written assignments for other classes. The clinic will treat student writing problems on an individual and small-group basis.

14. LINGUISTIC FIELD WORK IN SPEAKING AND WRITING. (3)
Students will learn the fundamentals of linguistics and engage in active field work in applying linguistic principles. They will tape examples of different patterns of speech and different dialects for comparison and contrast. They will collect specimens of varied types of written forms for study. Through observation and listening, the class will both develop an awareness of the structure and rhythm of the English language and become aware of the appropriate speech and writing in a given situation. Requirement: a tape recorder.

15. READINGS IN THE NEW ENGLAND RENAISSANCE: VENTURES IN COMPOSITION. (3)
Wide readings in writers of the New England Renaissance and others whose influence is shown in today's world. Course is particularly geared for future teachers, both elementary and secondary. Compositional skills stressed.

25. MAN IN CONFLICT: ADVANCED WRITING SKILLS. (3)
A study of man's perennial struggle against self and environment in his search for truth and personal fulfillment. Further development of compositional skills stressed.

26. ADVANCED WRITERS' WORKSHOP. (3)
Techniques of reviewing books, movies, television programs. Techniques of the research paper. Theme writing. What the student does in the workshop will depend

greatly on what he feels is most beneficial to him. Help will be given on assignments for other courses. Subjects for writing will follow student interest or necessity. Weekly individual and small group guidance. **The Writers' Clinic: A Personal Encounter** would be a good prerequisite for this workshop, or in lieu of it, a recommendation from the instructor of your first semester writing class. This workshop builds on material emphasized in **The Writers' Clinic** offered first semester.

27. ADVANCED LINGUISTIC WORK IN SPEAKING AND WRITING. (3)
Review of fundamental linguistic principles and advanced practice in listening, observing, and comparing as a basis for more effective and appropriate communication on both the spoken and written levels. **Linguistic Field Work in Speaking and Writing,** the first semester course, would be helpful but not necessary. Requirement: a tape recorder.

28. ADVANCED READINGS IN AMERICAN LITERATURE: THE SOUTHERN REGION. (3)
Readings in American writers of the Southern region, including Faulkner, William Hellman, Stark Young, Allen Tate, William Crowe Ransom, Robert Penn Warren. Advanced skills in writing will be stressed.

111. HUMAN RELATIONSHIPS IN CONTEMPORARY FILM. (3)
Viewing of current films followed by discussion. Together, the group will explore human relationships and the functioning of these relationships in society. Readings and discussions will stress the relationships between film and literature. Guest lecturers.

112. TELEVISION IN SOCIETY TODAY. (3)
Some "in-class" and some "outside-of-class" viewing of television programs reflecting both the literary trends in television and its role in depicting society and its moods. Critical and evaluative reading and discussing of essays and reviews.

113. AMERICAN HUMOR, COMEDY, AND SATIRE. (3)
Brief background on the origins and development of humor, comedy, and satire. Wide reading of poetry, short stories, essays. Some viewing of current television, movies, and drama.

115. STUDIES IN THE LITERATURE OF THE FANTASTIC. (3)
Selected stories of Isaac Asimov, Ray Bradbury, Robert Heinlein, and Arthur C. Clarke will be discussed and analyzed with an emphasis on literary techniques and devices. Interpretation of psychological, sociological, and philosophic implications.

118. THE GREAT EPICS OF THE WORLD. (3)
Reading and discussing of the great epics of the world: **The Illiad, The Odyssey, El Cid, Mahabharata, Beowulf, Song of Roland, Niebelungenlied, Divine Comedy, Paradise Lost.** The course will deal with man's basic and eternal human problems, his past history and civilization, his national, cultural, and religious ideals.

120. PSYCHOLOGICAL ASPECTS OF THE NOVEL I. (3)
Contemporary novels; discussion of psychological motivations of characters. Psychology lecturers on occasion. **The Great Gatsby, The Sun Also Rises, The Sound and the Fury, Portrait of the Artist, Portrait of a Lady, Ethan Frome, Power and the Glory.**

121. PSYCHOLOGICAL ASPECTS OF THE NOVEL II. (3)
A Farewell to Arms, Light in August, All the King's Men, Main Street, Candide, Ulysses, The Scarlet Letter, The Heart is a Lonely Hunter, Don Quixote.

122. WRITINGS OF BLACK INTELLECTUALS. (3)
See So 122.

123. LITERATURE IN BLACK CULTURE. (3)
Novelists, poets, and short story writers of the Harlem Renaissance and today seen in a milieu of historical and sociological implications. Off-campus lectures from various disciplines for enriching experiences.

124. CONTEMPORARY AMERICAN LITERATURE. (3)
A study of representative works of selected contemporary writers, including the novelists Faulkner, Hemingway, and Updike.

125. MYTHOLOGY YESTERDAY AND TODAY. (3)
Study of myths and religions and their relevance to the contemporary world and its literature, including the myths of crea-

tion, of death and renewal, of the end of the world, the mystery of time, and the advent of man. Important and interesting background for reading.

126. THE COFFEE HOUSE CLASS. (3)
Study and enjoyment of selected works by recognized contemporary writers and avant-garde authors through student dramatization in an informal "coffee house" atmosphere. Instructor-student planning of course content. Student practice in practical criticism and evaluation of literary merit of selected works. Emphasis on modern literary technique.

129. TWENTIETH CENTURY NOVEL. (3)
A study of the development of the novel from the nineteenth century in England to and including the twentieth century in America, emphasizing in the latter contributions from a regional, an ethnic, and a religious minority.

130. WORLD CLASSICS. (3)
Analysis of selected masterpieces from the Greeks to the present, including the study of **The Oresteia, The Inferno, Crime and Punishment,** and **Joy.**

135. CREATIVE WRITERS' WORKSHOP. (3)
Films, professional writers, sensitivity-awareness sessions. Practice in the techniques of writing short stories and poetry. Individual sessions are arranged frequently for guidance and revision. The publication of the college literary anthology is the ultimate objective of the workshop.

141. MODERN DRAMA. (3)
Analysis of plays from Ibsen to the present. Live scenes enacted by drama students. See ST 141.

142. ISSUES IN THE CONTEMPORARY NOVEL. (3)
Discussions in panel sessions and written reports and reviews of a particular ethnic group and also of a regional community.

143. MYSTICISM IN POPULAR ARTS, MUSIC, AND LITERATURE. (3)
A brief and general background of the origins and historical development of mystical ideas with an aim towards defining the term "mysticism" in general and in its usages in many varied contexts. Popular art, music, and literature will be studied with an emphasis on the mystic elements and what significance this study has for us in contemporary society.

145. CONTEMPORARY POETRY. (3)
Study, analysis, and interpretation of a selected number of modern and contemporary poets; emphasis on modern technique.

148. ROMANTICISM REINTERPRETED. (3)
Selected works of Blake, Byron, Coleridge, Shelley and Keats interpreted for the contemporary mind through the application of the principles of Jungian psychology.

150. SHAKESPEARE IN THE MODERN WORLD. (3)
Contemporary issues in Elizabethan England as they are seen in several carefully chosen Shakespearean plays.

160. THE AGE OF REASON. (3)
Critical reading and discussion of writings of the Restoration and Eighteenth Century; emphasis on Dryden, Pope, Swift, and Johnson.

162. THE LITERATURE OF FUTUROLOGY. (3)
Selected works of William Blake, Teilhard de Chardin, D. H. Lawrence, Carl Gustave Jung, Arthur C. Clarke and the Holy Bible; visions of the Omega Point of evolution; the ultimate triumph of romanticism.

165. EXISTENTIAL THEMES IN MODERN LITERATURE. (3)
Novels and short stories of Dostoyevsky, Lawrence, Joyce, Pirandello, Camus, and Hemingway.

ED 195. TEACHING OF ENGLISH IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

197. INDEPENDENT STUDY. (1-2)

199. SEMINAR. (3-5)
Selected topics for both review and depth study. Course is offered every other year and is required for English majors. The final examination in the Seminar fulfills the objective section of the Senior Comprehensive.

French (Fr)

Major: Fr 11, 12, 16, 17 or their equivalent; 30 semester hours in upper division French.

In fulfillment of the academic requirements for a degree in French, the French major may choose either a comprehensive examination in French literature or completion of a project relative to French culture and civilization.

Minor: Fr 11, 12, 16, 17 or their equivalent and 15 semester hours in upper division French.

11, 12. FUNDAMENTAL FRENCH. (3, 3)
This course in elementary French is designed not only for those who have never studied a foreign language, but also for students who wish a basic grammar review with added practice in speaking.

13. ACCELERATED FRENCH. (3)
This course emphasizes communication in French. It also includes a review of elementary French grammar.

16. ACTIVE FRENCH DIALOGS. (3)
A course in conversational French which offers even the beginning student opportunities for much oral practice and self-expression in French.

17. COMPOSITION. (3)
This course provides ample practice in the use of structural elements, gradual expansion of vocabulary, and insights into many aspects of contemporary French life.

21 THROUGH 25. MINI-COURSES IN FRENCH. (1 to 5)
These courses, taught in English, give the student an opportunity to experience a foreign culture and civilization without leaving the U.S.A. Students may earn from one to five hours credit in the humanities while enjoying an "armchair tour" of France.

21. HIGHLIGHTS IN FRENCH HISTORY. (1)

22. THE FINE ARTS OF FRANCE. (1)

23. MASTERPIECES OF FRENCH LITERATURE. (1)

24. TRAVELVIEWS. (1)

25. CIVILIZATION: A VIEW OF FRENCH SOCIETY. (1)

26. FRENCH CUISINE. (2)
A "Cordon bleu" tour of France for gourmets. Kitchen classes make French come alive.

27. AMERICANS ABROAD. (2)
An exciting and useful preparation for travelers.

28. WOMEN IN FRENCH LITERATURE. (3)
A study of the status and role of women in France as exemplified in a selected number of works from the Princess of Cleves through Madame Bovary to Simone de Beauvoir. This course will be given in English.

111. PHONETICS. (3)
A different and practical approach towards learning French pronunciation.

120. FRENCH HISTORY. (3)
Historical figures come alive in this survey of French history which highlights personalities rather than events. The course provides an invaluable background for the study of French civilization and literature.

121. CIVILIZATION. (3)
This study emphasizes the social, cultural, political, and intellectual development of the French people from the Middle Ages through the nineteenth century.

122. ADVANCED CONVERSATION. (3)
This course aims to develop more spontaneous oral communication. Constant use of French rapidly improves students' facility in the language.

123. SYNTAX AND STYLISTICS. (3)
A course in advanced grammar and composition which places emphasis on style and creative writing in French.

124. SEMINAR: SPECIAL PROBLEMS. (3)
A concentrated study of advanced grammar and its practical application in oral and written French.

131. ADVANCED COMPOSITION. (3)
This course has a dual purpose: to introduce the student to the more sophisticated syntactical patterns of the language and

to increase his vocabulary, thus enabling him to write free composition.

132. FRANCE TODAY. (3)
Glimpses of contemporary France as seen through current French periodicals and newspapers. Readings focus on various aspects of contemporary civilization as it affects both France and the world.

141 — 162. FRENCH LITERATURE. (18)
Selected readings of significant authors representative of each century. The courses in French literature are offered in sequential block form i.e., a student may select two courses per semester, but the centuries under study will be taken consecutively, not simultaneously.

141. MEDIEVAL LITERATURE. (3)
Readings include selections from all the literary forms of the Middle Ages; the chansons de geste, l'esprit courtois, satire, lyric poetry and drama.

142. RENAISSANCE LITERATURE. (3)
A study of the major Renaissance authors: Marot, Rabelais, Ronsard, DuBellay, Montaigne.

151. SEVENTEENTH CENTURY LITERATURE. (3)
Analysis of French classical literature with readings from Corneille, Moliere, Racine and other major authors.

152. EIGHTEENTH CENTURY LITERATURE. (3)
Study of the representative works of the period with special emphasis on Voltaire, Montesquieu, Rousseau, Marivaux, and Beaumarchais.

161. NINETEENTH CENTURY LITERATURE. (3)
Study of the major trends in nineteenth century literature: romanticism, realism, and symbolism.

162. TWENTIETH CENTURY LITERATURE. (3)
Study of the more important literary movements in modern France with readings from the major authors.

197, 198, 199. SEMINARS IN LITERATURE. (3, 3, 3)
Directed readings and an in-depth study of chosen authors from the seventeenth, nineteenth or twentieth centuries.

ED 195. TEACHING OF FRENCH IN THE SECONDARY SCHOOL (THE AVILA ARTISANAT). (2)

See Ed 195 in the Education section.

History (Hi)

Major: Hi 11; thirty-six hours in upper division history including Hi 199.
A minor in a related field is optional. As a partial fulfillment of the academic requirements for a degree in history each student must take the Graduate Record Examination in history.

Minor: Eighteen semester hours including Hi 11.

A major or minor in history is recommended as preparation for the study of law. Although no specific major is required for admission to most law schools, a background in history is helpful to students preparing to take a law school admission test.

11. ANCIENT AND MEDIEVAL HISTORY. (3)
Introductory study of periods of major significance in ancient and medieval history. Emphasis on historical method, readings in the sources, and class discussions.

12. MODERN EUROPE. (3)
Introductory study of periods of major significance in modern European history. Emphasis on historical method, readings in the sources, and class discussions.

15. CONTEMPORARY WORLD AFFAIRS. (3)
A topical approach to selected current international issues with attention to knowledge of historical events preceding and influencing the topics under analysis.

17. AMERICAN HISTORY I. (3)
A topical approach to the effects of change on Americans throughout their history using the revolutionary heritage and the

dream of opportunity as a basis for discussion.

18. AMERICAN HISTORY II. (3)
Continuation of Hi 17 using the topics of minorities, growth of cities and global politics as the basis for discussion.

19. CONTEMPORARY CIVIC ISSUES. (3)
A comparative study of selected civic issues and problems in various world locations.

121. COLONIAL AMERICA. (3)
The founding of the colonies to 1787; political, economic, social and intellectual origins of the nation.

122. NATIONAL PERIOD OF AMERICAN HISTORY. (3)
America from 1787 to 1850; political, economic, social and intellectual interpretations in the years of "self-discovery."

123. CIVIL WAR AND RECONSTRUCTION. (3)
The United States from 1850 to 1877; the problem of slavery and the coming of the war; Reconstruction interpretations.

124. BUSINESS, REFORM AND WORLD WAR I. (3)
The United States from 1877 to 1920; a study of economic growth, the Progressive era, and the United States as a world power.

125. RECENT AMERICA. (3)
The 1920's to the present; political, economic and social aspects of the United States as a world leader; contemporary American thought.

129. WOMEN'S STUDIES. (1)
Interdisciplinary study; the history section covers the history of the image of woman in America and the history of the feminist movement in the United States.

151. RENAISSANCE AND REFORMATION. (3)
A study of the transition from Medieval to Modern civilization, with emphasis on cultural achievements, causes of religious disunity, the reformation and the counter-reformation.

152. ABSOLUTISM AND REVOLUTION. (3)
Europe from the mid-17th to the early 19th century, with emphasis on absolutism, the Enlightenment, the French Revolution and Napoleon.

154. EUROPE IN THE NINETEENTH CENTURY, 1815-1914. (3)
The search for security in Europe after the French Revolution. Liberalism and social radicalism, nationalism and imperialism; the causes of the First World War.

155. EUROPE IN THE TWENTIETH CENTURY, 1914 TO THE PRESENT. (3)
The First World War and the adjustments to a new world. Liberal democracy versus Fascism and Communism. The Second World War and the Cold War.

158. HISTORY OF EUROPEAN THOUGHT. (3)
Study of the ideas that have helped to shape European history since the Renaissance. Readings from leading European thinkers including Machiavelli, Locke, Voltaire, Rousseau, Marx, Sartre, and others.

161. HISTORY OF MODERN RUSSIA. (3)
The establishment and development of the Kievan and Muscovite states. Russian life, political institutions, and foreign affairs from Peter the Great to the present. Emphasis on the growth of revolutionary thought and action, the Revolutions of 1905 and 1917, and the establishment of the Soviet regime.

162. MODERN CHINA AND JAPAN. (3)
Survey of traditional China and Japan; forces for modernization in the nineteenth century; political, economic and cultural aspects of the twentieth century.

163. MODERN INDIA. (3)
An introductory course dealing with Hinduism, the Islamic impact, British conquest, and contemporary India. Emphasis on the rise of nationalism, social organization, and contemporary life and history.

198. UNITED NATIONS SEMINAR. (1)
Study of the organization and operation of the United Nations with particular reference to current issues. Preparation for student participation in a Model United Nations.

199. SENIOR SEMINAR. (3)
In-depth review of European and American History.

ED 195. TEACHING OF HISTORY IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

Home Economics (HE)

111. NORMAL NUTRITION. (2)
Basic principles of normal nutrition and the application of these principles to nutritional requirements of the infant, pre-school child, adolescent, and adult.

International Studies (IS)

No major is offered.

A minor consists of eighteen hours from the following courses:

Ec 131	International Economics (3)
Geog	World Geography (3)
Hi 15	Contemporary World Affairs (3)
Hi 19	Contemporary Civic Issues (3)
	A comparative study of selected civic issues and problems in various world locations
Hi 198	UN Seminar (1)
PS 140	International Relations (3)
PS 141, 142	Comparative Government (3, 3)
PS 143	International Organizations (3)
RS 49	Comparative Religious Thought (3)
So 141	Cultural Anthropology (3)

An interim or semester abroad is suggested.

The following courses are related to the field and may be chosen as additional electives:

	Foreign Language (6-12)
Ar 71	Survey of Art (2)
En 130	World Classics in Literature (3)
Fr 25	French Civilization (1)
Hi 161	History of Russia (3)
Hi 162	History of Modern China and Japan (3)
Hi 163	History of Modern India (3)
Mu 121, 122	History of Music (3, 3)
Ph 161	Non-Western Studies (3)
Sp 122	Peninsular Spanish Civilization in Conversation (3)
Sp 142	Iberoamerican Civilization in Conversation (3)

Journalism (Jo)

100. STUDENT PUBLICATIONS WORKSHOP (2-3)
Class composed of the staffs of both major student publications: the student newspaper and the spring anthology of creative writing. Study of new and creative trends in modern journalism and experimentation with these trends in their own publications. Goals include better communication and artistic excellence.

Mathematics (Ma)

Major: Ma 31, 181; twenty-seven hours in upper division mathematics including Ma 112, 113, 126, 127, 131, 136 and 199 with additional required hours to be chosen with the approval of the major adviser and eight supplementary hours in physics or a minor in a related field.

Minor: Ma 31, 112, 113, 126, and 127.

11. FUNDAMENTAL CONCEPTS OF MATHEMATICS. (3)
Elementary set theory, numeration systems, number concepts, number systems, relations and functions, and elementary logic.

16, 17. INTEGRATED ALGEBRA AND TRIGONOMETRY. (3, 3)
A discussion of some basic concepts in modern mathematics including an integration of basic elements of college algebra and trigonometry. I, II

31. CALCULUS AND ANALYTIC GEOMETRY I. (5)
Inequalities, introduction to analytic geometry for first and second degree equations; functions and their graphs, limits of functions, continuous functions; slope and rate of change, derivatives, differentiation of algebraic functions, applications of the derivative, and theory of indefinite and definite integral. Prerequisites: Ma 16 and 17 or college preparatory mathematics including trigonometry.

35. METROLOGY. (1)
Basic mathematics review; systems of measurement used in weighing and measuring drugs and solutions; calculation of dosages with powdered drugs, drugs measured in units, insulin, stock medications, pure drugs. Open only to students majoring in nursing.

50. ELEMENTARY PROBABILITY AND STATISTICS. (3)
Introduction to basic principles of statistics; probability involving sampling, predictions and correlations; applications. For non-mathematics majors.

111. METHODS IN MATHEMATICS FOR ELEMENTARY TEACHERS. (3)
Basic concepts and number processes with emphasis on mathematical concepts and teaching methods appropriate to the needs of the elementary school child. Prerequisite: Ma 11. II

112. CALCULUS AND ANALYTIC GEOMETRY II. (5)
Applications of integration; asymptotes, symmetry, conic sections; trigonometric, hyperbolic, logarithmic and exponential functions and methods of diffentiation and integration of these functions; indeterminate forms; improper integrals. Prerequisite: Ma 31.

113. CALCULUS AND ANALYTIC GEOMETRY III. (4)
Vectors in the plane; vector differentiation; polar coordinates; infinite series; partial differentiation and multiple integrals. Prerequisite: Ma 112.

121. MATHEMATICAL STATISTICS. (3)
An introduction to the mathematical theory of probability and statistics. Prerequisite: Ma 112.

126, 127. INTRODUCTION TO MODERN ABSTRACT ALGEBRA. (3, 3)
Selected topics in theory of equations; elementary theory of groups, rings, and fields; ideals and quotient rings; polynomials over a field; vector spaces, systems of linear equations, matrices and determinants. I, II

130. GEOMETRY FOR ELEMENTARY TEACHERS. (3)
Development of non-metric geometry of the plane and space; measurement of lengths and angles; simple closed curves and congruent and similar figures. These topics are treated with particular attention to the needs of elementary teachers. Prerequisite: Ma 11.

131. MODERN GEOMETRY. (3)
Sensed magnitudes, theorems of Menelaus and Ceva, cross ratio, harmonic division, modern elementary geometry of the circle, transformations, isometries, similarities, inversion and introductory topics in non-Euclidean and projective geometries.

136. DIFFERENTIAL EQUATIONS. (3)
Solutions of equations of order one and degree one, orthogonal trajectories, hyperbolic functions, linear differential equations, non-homogeneous equations, inverse differential operators, Laplace transforms, inverse transforms, equations of order one and higher degree; applications. Prerequisite: Ma 113.

161. INTRODUCTION TO THEORY OF NUMBERS. (3)
Euclidean algorithm and its consequences, congruencies, continued fractions, Diophantine equations and Gaussian integers.

181. HISTORY OF MATHEMATICS. (2)
Chronological presentation of mathematics from primitive times through the beginnings of calculus with related problem studies.

199. MATHEMATICS SEMINAR. (3)
Selected topics.

ED 195. TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

Medical Technology (MT)

The student may choose either a four-year program leading to a Bachelor of Science in Medical Technology and a Certificate of Training in Medical Technology, or a five-year program leading to a Bachelor of Arts degree at the end of the fourth year, and a Certificate of Training in Medical Technology upon the completion of the fifth year.

Major in Medical Technology (four-year program): The first three years or a minimum of 100 semester hours of academic work are taken at the college and include the following required courses: Bi 111, 112, 116, 117, 146, 147, 192, 194; Ch 11 or 21, 111, 112, 120, 121, 141; Ma 16, 17 or 31; Mt 14; Phy 11, 12. The student automatically fulfills requirements for both chemistry and biology minors. The skill of typewriting must be acquired before admission to the senior year; no college credit toward the 130 required semester hours will be allowed for this course. During the fourth year the student registers for Mt 181-186, and pursues a twelve-month course given under the direction of a School of Medical Technology approved by the Council on Medical Education and Hospitals of the American Medical Association.

Major in Biology or Chemistry (five-year program): During the first four years spent at the college, the student may major in biology and minor in chemistry, or major in chemistry and minor in biology. The skill of typewriting must be acquired before admission to the senior year. Upon receiving the baccalaureate degree the student will pursue a twelve-month course given under the direction of a School of Medical Technology approved by the Council on Medical Education and Hospitals of the American Medical Association.

14. INTRODUCTION TO MEDICAL TECHNOLOGY. (1)
An introduction to the clinical aspects of the laboratory including guest lecturers in the major disciplines and a hospital visitation. This course is especially well suited to those considering a Medical Technology major and in the need of clear definition of the practical aspects of the profession.

181-186. MEDICAL TECHNOLOGY
Prerequisites: Completion of required courses in medical technology curriculum and acceptance by an affiliated hospital school. Annually, beginning in June or September.

181. CLINICAL CHEMISTRY. (10)
Principles, theories, and techniques used in the study of human biochemistry.

182. HEMATOLOGY. (5)
Principles, theories, and techniques of studying blood and the hemopoietic tissues.

183. ISOTOPES. (no credit)
Lecture only.

184. CLINICAL MICROBIOLOGY. (7)
Morphology, physiology, metabolism, and growth of microorganisms, fungi, and parasites commonly encountered in humans; techniques of cultivation, isolation, and identification.

185. TRANSFUSION SERVICE. (4)
Principles, theories, and techniques of immunohematology.

186. DIAGNOSTIC IMMUNOLOGY. (4)
Principles and techniques of serological tests used in the diagnosis of disease. Fluorescent and darkfield microscopy and immunoassay procedures are implemented.

Music (Mu)

MUSIC EDUCATION

Major: Mu 11 (each semester), 16, 17, 18, 113, 116, 121, 122, 153, 111 and/or 195; piano,

4-8 hours; voice, 4-8 hours.

Minor: Mu 11 (each semester), 16, 17, 111 or 195, 153; four additional hours in upper division music; piano, 4 hours; voice, 4 hours.

PIANO, ORGAN, VOICE

Major: Mu 11 (each semester), 16, 17, 18, 116, 121, 122, 126 or 148, 153, 198; fourteen hours in the applied music major including eight upper division hours.

Minor: Mu 11 (each semester), 16, 17, 126, or 148, 153; four additional hours in upper division music; eight hours in the applied music minor including four upper division hours.

MUSIC THEORY

No major is offered.

Minor: Mu 11 (each semester), 16, 17, and 18; twelve hours from Mu 113, 116, 121, 122, 153.

11. COLLEGE CHORUS. (1)
Preparation and public performance of sacred and secular choral music. I, II

12. CHAMBER CHOIR. (1)
Select mixed group which performs the classic musical literature of the ages. (By audition only)

13. MUSIC THEATRE WORKSHOP. (1)
For majors and non-majors who wish to participate as performers and/or technicians in a musical production. II

16-18. MUSIC THEORY. (3-9)
Correlation of written and keyboard harmony, sight singing and ear training.

61-64. PIANO. (1-2 each semester)
Bach, two and three-part inventions or the equivalent; Haydn and/or Mozart Sonatas; romantic and contemporary pieces.

71-74. ORGAN. (1-2 each semester)
Pedal studies; Bach; choral preludes; contemporary liturgical pieces.

81-84. VOICE. (1-2 each semester)
Technique of singing and its application to individual students. Repertoire from standard and contemporary works in English, French, Italian, and German.

86. VOICE CLASS. (1)
Primarily for those students who desire a knowledge of the techniques of singing English vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

87. VOICE CLASS. (1)
Primarily for those students who desire a knowledge of the techniques of singing Italian vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

88. VOICE CLASS. (1)
Primarily for those students who desire a knowledge of the techniques of singing German vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

89. VOICE CLASS. (1)
Primarily for those students who desire a knowledge of the techniques of singing French vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

111. MUSIC FOR ELEMENTARY SCHOOLS. (2)
Procedures and techniques for teaching music in the classroom. Instruction in music fundamentals for those with no previous knowledge of music.

112. INSTRUMENTAL METHODS. (2)
Basic knowledge of orchestral instruments: i.e., woodwinds, strings, brass, percussion.

113. COUNTERPOINT. (3)
Analysis and writing for two, three, and four voices in the style of eighteenth century counterpoint. Prerequisites: Mu 16, 17.

114. INSTRUMENTAL ENSEMBLE. (1)
Group playing for various combinations of instruments.

115. PIANO ENSEMBLE. (1)
Ensemble playing for two or four pianists of matching ability.

116. ANALYTICAL TECHNIQUES. (3)
Structural materials used in composition; analysis of various choral, instrumental, and symphonic forms, beginning with the works of the most important sixteenth century composers and continuing through the contemporary period.

120. MUSIC APPRECIATION. (2)
Non-technical study of music materials, forms, and styles for the development of broad and intelligent listening and appreciation.

121, 122. HISTORY AND LITERATURE OF MUSIC. (3, 3)
Survey of the great movements in the development of music.

123. HISTORY OF JAZZ. (2-3)
Beginnings, history, and importance of jazz as known to the present day.

126. VOCAL LITERATURE AND INTERPRETATION. (3)
Representative song literature in English, French, German, and Italian with particular emphasis on performance and style.

131. VOCAL PEDAGOGY. (2)
Vocal methods. Lectures, discussions, and demonstrations.

146. METHODS OF TEACHING PIANO. (2)
Principles and techniques for teaching piano; study of materials used in teaching; experience in student teaching.

148. PIANO LITERATURE AND INTERPRETATION. (2)
Important works written for the piano from the eighteenth century to the present day.

153. MUSIC IN CONTEMPORARY LITURGY. (2)
Principles for the composition, choice, and use of music for the reformed liturgy of the Catholic Church.

161-164. PIANO. (1-2 each semester)
Advanced technical studies; Bach, Well-Tempered Clavichord or equivalent from the romantic school; concertos and contemporary pieces and/or sonatas.

171-174. ORGAN. (1-2 each semester)
Works for standard literature and contemporary liturgical music. Experience in playing for liturgical services.

181-184. VOICE. (1-2 each semester)
Effective performance of arias and other song literature in French, English, Italian, and German. Emphasis on appropriate stage deportment.

186. VOICE CLASS. (1)
Advanced techniques in the singing of English vocal literature. Prerequisite: Mu 86.

187. VOICE CLASS. (1)
Advanced techniques in the singing of Italian vocal literature. Prerequisite: Mu 87.

188. VOICE CLASS. (1)
Advanced techniques in the singing of German vocal literature. Prerequisite: Mu 88.

189. VOICE CLASS. (1)
Advanced techniques in the singing of French vocal literature. Prerequisite: Mu 89.

195. TEACHING OF MUSIC IN THE SECONDARY SCHOOL AND CHORAL CONDUCTING. (2)
General school music program with particular stress on conducting and materials. See Ed 195.

198. RECITAL. (2)
Public performance required of applied music majors and recommended for applied music minors.

Nursing (Nu)

Major: Nu 111, 121, 122, 131, 141, 151, 161, 171, and 181.

No minor is offered.

A nursing faculty adviser will be assigned at the beginning of the sophomore year.

111. THE NURSING PROCESS IN MAN'S QUEST FOR HEALTH. (14)
Introduction of core concepts and principles of nursing with an emphasis on high level wellness. Special focus is placed on maintenance of health and prevention of illness for persons of all ages. The family-centered approach includes normal preg-

nancy, childbirth and infant care. Norms related to the basic psycho-social, cultural and biological needs are applied to the individual and family. Pharmacology, nutrition, community and mental health concepts are integrated. Supervised observation and learning experiences within community health care facilities. 9 hours theory; 16 hours clinical experience per week.

121, 122. MEDICAL-SURGICAL NURSING. (6, 6)
The primary focus of the course is the adult with complex pathophysiological problems and his attempt to adapt and pursue his position of high level wellness. The conceptual framework of the nursing process as it assists man to adapt will continue to permeate the course content. Medical-Surgical Nursing draws upon the student's knowledge acquired from biological and behavioral sciences and from the fundamental concepts and principles of nursing presented in Nu 111. Pharmacology, nutrition, community and mental health concepts are integrated into the content. Observational and supervised learning experiences in community health agencies provide the student with an opportunity to develop and utilize in depth, the nursing care process as he assists man to adapt. Prerequisite: Nu 111. 8 hours theory; 16 hours clinical experience per week.

131. LEADERSHIP IN NURSING. (6)
Principles and concepts of leadership, group dynamics, and supervision in the management of patient care; supervised experience in the application of leadership skills in various hospital settings. Prerequisites: Nu 111, 121, 122, 141, 151. 3 hours theory; 12 hours clinical experience per week.

141. MENTAL HEALTH NURSING. (6)
Contemporary concepts, theories and issues of mental health nursing; understanding dynamics of behavior and of interpersonal relationships. Supervised learning experiences in giving direct nursing care for preventing, promoting and restoring mental health to the individual, family and community; functioning with health team members in varied settings and services of the community mental health center and related agencies. Prerequisites: Nu 111, Ps 162. 3 hours theory; 9 hours clinical experience per week.

151. PEDIATRIC NURSING. (6)
Introduction to nursing of children through a family-centered approach; supervised experience in the hospital, home and other community settings. A continued emphasis well be placed on high level wellness using the nursing process. Integration of pharmacology, nutrition, community health, and mental health concepts. Prerequisites: Nu 111, Ps 121. 4 hours theory, 8 hours clinical experience per week.

152. OBSTETRICAL NURSING. (6)
Principles and skills in obstetrical nursing care through a family-centered approach; supervised experience in hospital, home and other community settings. Integration of pharmacology, nutrition, community health, and mental health concepts. 3 hours theory; 12 hours clinical experience per week.

171. COMMUNITY HEALTH NURSING. (6)
Organization and administration of community nursing services; recognition of healthful patterns of living; identification and correction of health problems utilizing family and community resources; emphasis of the role of the nurse in preventive health services. Supervised learning experiences in meeting the needs of the individual, the family and groups within the home, school and other community settings. Integration of nutrition, pharmacology and mental health concepts. Prerequisites: Nu 111, 121, 122, 141, 151. 3 hours theory; 12 hours clinical experience per week.

181. TRENDS IN NURSING. (2)
Historical development of nursing; identification and analyzation of major issues facing a profession; means of promoting personal and professional growth; opportunities in contemporary nursing.

Philosophy (Ph)

No major is offered.

Minor: Ph 11, 13, 14, 156, 171, 181.

11. INTRODUCTION TO PHILOSOPHY. (3)
Development of thought up to and including Aristotle; relation of philosophy to natural sciences and theology; systematic introduction to the various branches of philosophy.

12. METAPHYSICS. (3)
Inductive approach. Intrinsic principles of being in the orders of existence, essence, activity; analogy, causality and transcendentals, notion of evil.

13. INTRODUCTION TO LOGIC. (3)
This course has both a practical and a theoretical aim: 1) to acquaint the students with the devices and ploys used in political argument and to help them to reason cogently about political issues; 2) to teach the students the rudiments of symbolic logic by acquainting them with sentential logic.

14. CHRISTIAN PHILOSOPHY. (3)
This course is designed to help the students to come to know and to understand Jesus Christ and his teachings and to examine their value in solving man's quest for meaning in his own life and in his life as a member of society.

113. ADVANCED LOGIC. (3)
This course is designed to further the students' knowledge of symbolic knowledge by giving them a working knowledge of predicate logic as well as Aristotelian logic. In the light of these skills, the students are taught to make the transition from the symbolic to informal logic about political issues.

121. PHILOSOPHY OF MAN. (3)
Presentation of the key ideas and issues faced by a number of thinkers attempting to formulate a philosophy of man. Contemporary psychologists are also studied.

122. GOD OF THE TWENTIETH CENTURY. (2-3)
See RS 122.

123. PHILOSOPHY OF LOVE. (3)
Notions of love from theology, philosophy and psychology. A synthesis of these disciplines.

129. PHILOSOPHICAL PERSPECTIVES OF WOMEN. (1)
A study of the principles underlying the liberation of women. A futuristic projection of these principles. No prerequisite.

141. GREEK THOUGHT IN MODERN TIMES. (3)
Classical Greek thinkers are studied to see their relevance to modern times.

148. PHILOSOPHY OF RELIGION. (3)
Philosophical reflection on the religious experience.

149. COMPARATIVE RELIGIOUS THOUGHT. (3)
An introduction to the world's faiths.

155. ETHICS. (3)
The search for moral values; the meaning of freedom and responsibility.

156. MORAL ISSUES. (3)
Presentation of a Christian ethical system and study of contemporary moral problems in light of that system.

161. NON-WESTERN STUDIES. (3)
The philosophy of India and the Far East.

171. MODERN PHILOSOPHICAL TRENDS. (3)
Critical analysis of schools of philosophy from the Renaissance to the present.

181. CONTEMPORARY THOUGHT. (3)
Critical readings from the various schools of philosophy treating contemporary problems: includes classical realism, idealism, naturalism, positivism, analytic philosophy, existentialism, and Marxism. Recommended as a prerequisite: Ph 171.

185. INTRODUCTION TO ANALYTIC PHILOSOPHY. (3)
Philosophical problems examined from the viewpoint of the study of language.

199. SEMINAR. (3)
Content changed annually.

Physical Education (PE)

No major or minor is offered.

Courses offered will be listed on the Class Schedule published each semester.

Physics (Phy)

No major or minor is offered.

11, 12. GENERAL PHYSICS. (4, 4)
Fundamentals of mechanics, heat, sound, light, electricity and nuclear physics.

Political Science (PS)

No major or minor is offered.

127. AMERICAN NATIONAL GOVERNMENT. (3)
The structure, functions, and problems of American national government.

128. AMERICAN STATE AND LOCAL GOVERNMENT. (3)
Political institutions and behavior at state and local levels, with attention given to state legislatures, governors, judiciaries, state political parties, and urban government and politics.

129. WOMEN IN POLITICS. (1)
Study of the social basis of female participation in the American political process: who participates and why; political issues relevant to American women; power and minority status. No prerequisite.

130. AMERICAN CONSTITUTIONAL DEVELOPMENT. (3)
Origins of the Federal Constitution; leading cases in its development by the Supreme Court and current interpretation; readings and lectures emphasizing the social context of the opinions and their significance in relation to the evolution of American political forces.

140. INTERNATIONAL RELATIONS (3)
Study of specific problems in current international relations with attention to concepts underlying international politics such as sovereignty and nationalism, power and security, the balance of power and international organization.

141. COMPARATIVE POLITICAL SYSTEMS: BRITAIN, FRANCE AND WEST GERMANY. (3)
A comparative analysis of the political systems of Britain, France and West Germany. Primary emphasis will be on political culture, governmental structure and functions, and the policy process in the three countries. No prerequisite.

142. COMPARATIVE POLITICAL SYSTEMS: SOVIET UNION AND EASTERN EUROPE. (3)
Study of the political organization of the Communist Countries of Europe with special reference to party and government structure and functions. No prerequisite.

143. INTERNATIONAL ORGANIZATION (3)
Study of the nature, development and functions of international organizations, with particular reference to the organization and operation of the United Nations.

155. POLITICAL SOCIOLOGY. (3)
See So 155 in the Sociology section.

Psychology (Ps)

Major: Psychology 11, 15, 100 (or 102), 101 (or 103), 175, plus 21 upper division hours selected by the student in consultation with a faculty member of the Psychology Department.

Minor: Psychology 11, 50, plus 12 upper division hours selected by the student in consultation with a faculty member of the Psychology Department.

11. GENERAL PSYCHOLOGY. (3)
A basic introduction to the science of psychology; principles, methods, and applications to the understanding of human and animal behavior. I and II

15. INTRODUCTION TO QUANTITATIVE AND STATISTICAL METHODS IN PSYCHOLOGY. (3)
This course is designed to introduce the student to research design in psychology

and related sciences, to descriptive statistics, and to beginning inferential statistics. Basic terminology, concepts, methods of hypothesis testing, correlation techniques and simple tests of significance will be covered. Prerequisite: Ps 11 and Math 16 or 17 or equivalent. I and II

50. PRINCIPLES OF BEHAVIOR. (3)
The investigation of a) the processes governing behavior change with emphasis on conditioning, memory, and forgetting; b) the variables influencing an organism's stimulation by his environment with emphasis on the structure and operation of the sense organs as well as complex perceptual phenomena and; c) the biological and social variables influencing the activation, direction, and maintenance of behavior with emphasis on the effects of motivation upon behavior. Prerequisite: Ps 11. I and II

100. EXPERIMENTAL PSYCHOLOGY I. LEARNING. (3)
A study of the development and characteristics of various contemporary learning theories with emphasis on the processes governing behavioral change. Investigation of experimental studies of conditioning, memory, and forgetting. Prerequisites: Ps 11, 15, or consent of instructor. Lecture and Laboratory. I

101. EXPERIMENTAL PSYCHOLOGY II. PERCEPTION AND SENSATION. (3)
Theory, methods and physiological correlates of sensory and perceptual processes; emphasis on the relation of behavior to stimulus variation. Prerequisites: Ps 11, 15, or consent of instructor. Lecture and Laboratory. II

102. EXPERIMENTAL PSYCHOLOGY III. MOTIVATION. (3)
Theories and phenomena of motivation with an examination of both biological and social variables influencing the activation, direction, and maintenance of behavior. Prerequisites: Ps 11, 15, or consent of instructor. Lecture and Laboratory. I

103. EXPERIMENTAL PSYCHOLOGY IV. PHYSIOLOGICAL PSYCHOLOGY. (3)
Introduction to physiological and neurological foundations of behavior. Special attention to central nervous system and its relation to current theory. Prerequisites: Ps 11, 15, or consent of instructor. Lecture and Laboratory. II

110. INDUSTRIAL PSYCHOLOGY. (3)
Specific application of psychological principles used in personnel selection, training, human engineering, accident prevention, motivation, morale, supervision and work efficiency. Prerequisite: Ps 11, or consent of instructor. I

111. ORGANIZATIONAL PSYCHOLOGY. (3)
Psychology of individual and group behavior in the organizational complex; contemporary research and implications for administration and management; motivation, influence, communication, group processes, leadership, supervision. Prerequisite: Ps 11, or consent of instructor. II

121. HUMAN GROWTH AND DEVELOPMENT. (3)
See Ed 121. I and II

122. CHILD PSYCHOLOGY. (3)
A study of the biological and psychological development of the child from birth through puberty, and of relevant research methods and results. Prerequisite: Ps 11, or consent of instructor. I

123. ADOLESCENT PSYCHOLOGY. (3)
See Ed 123. I

125. ADVANCED DEVELOPMENTAL PSYCHOLOGY. (3)
The examination of recent research literature in developmental psychology leading to an individual research project in the area. Prerequisites: Ps 11, and either 121, 122, 123, or consent of instructor. II

127. PSYCHOLOGY OF ADJUSTMENT. (3)
Survey of the principles of mental hygiene; social and emotional adjustment, and personality in light of the principles of mental hygiene, and adjustment problems of the college student. Prerequisite: Ps 11, or consent of instructor. I and II

135. MARRIAGE. (3)
The study of marriage in the framework of functional interaction of husband and wife with regard to emotional, social, psychological, and physical needs. Prerequisite: Ps 11, or consent of instructor. I

137. INTERVIEWING TECHNIQUES. (3)
An applied practicum with emphasis on learning the basic interviewing skills. Prerequisite: Ps 11 or consent of instructor. II

140. HISTORY AND SCHOOLS. (3)
Systems, experiments, personalities in the development of modern psychology; comparative study and analysis of systems; contributions of outstanding persons. Prerequisite: Ps 11, or consent of instructor.

150. THEORY AND METHODS OF PERSONALITY. (3)
The development, organization, dynamics, and determinants of personality; with consideration of theories. Prerequisites: Ps 11, and consent of instructor. I and II

161. SOCIAL PSYCHOLOGY. (3)
See So 161. I

162. PSYCHOPATHOLOGY. (3)
A general overview of the etiology, characteristics and determinants of functional and organic deviations of normal behavior; general information about the therapeutic approaches; and the study of the role of behavioral sciences in community mental health action. Prerequisites: Ps 11, and consent of instructor. I and II

163. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3)
See Ed 163. II

166. PARENT COUNSELING FOR TEACHERS. (3)
See Ed 166. I

171. THEORIES OF COUNSELING. (3)
A study of selected counseling theories and their application in counseling and personality measurement. Prerequisites: Ps 11, and consent of instructor. II

175. SYSTEMATIC VIEWPOINTS IN PSYCHOLOGY. (3)
A survey of the systems and theories of psychology which are currently represented in psychology today. Prerequisite: 12 hours in psychology and consent of instructor. II

176. TESTS AND MEASUREMENTS. (3)
See Ed 176. I

180. PERCEPTUAL MOTOR TRAINING. (3)
See Ed 180. I

188. PSYCHOLOGY OF INTERPERSONAL RELATIONS. (3)
This course is designed to introduce the student, through a personalized learning experience to the development of interpersonal communication, processes, and theories of interpersonal dynamics. The student is encouraged to make immediate use of relevant information in developing more effective relationships with peers, parents, and significant others. Prerequisite: Ps 11, or consent of instructor. I

189. APPLIED GROUP DYNAMICS. (3)
An examination of research and theory in the area of small group interaction; with an emphasis on practicing skills of group membership. Prerequisite: Ps 11, or consent of instructor. II

190. SEMINAR IN PSYCHOLOGY. (3)
Investigation of a special research problem or directed reading in an area not covered in regular courses. Prerequisite: 12 hours in psychology and consent of instructor. II

191. DIRECTED INDIVIDUAL RESEARCH (1-6)
Selected topics in psychology. Consent of instructor. I and II

Religious Studies (RS)

RELIGION EDUCATION

Major: Twenty-eight semester hours in religious studies to be chosen with the approval of the major adviser.

Minor: Eighteen semester hours in religious studies to be chosen with the approval of the minor adviser.

For persons not enrolled in a degree program, a certificate of major equivalence will be awarded for the required twenty-eight semester hours, or a certificate of minor equivalence for the required eighteen semester hours.

THEOLOGY

No major is offered.

Minor: Eighteen semester hours in religious studies.

11. INTRODUCTION TO RELIGIOUS STUDIES. (3)
A survey course introducing the student to the study of religion by showing him three methodological approaches: the psychological, sociological and theological.

21. SCRIPTURE STUDY. (2-3)
An introductory study of God's communication with man in the Old and New Testament Scriptures.

50. CONTEMPORARY AMERICAN RELIGION. (2-3)
A study of the changing forms, content, values, questions, and commitments in the religious dimension of American life today.

52. CATECHETICAL PERSPECTIVES. (2)
History of catechetics; fundamental principles: fidelity to God, to man, and to a twentieth-century world; factors which condition catechesis, such as age and mentality; principles of methodology.

86. DYNAMICS OF THE CHRISTIAN MESSAGE. (2-3)
An attempt to make dynamic the content and communication of Christian revelation in already defined and/or in emerging apostolates.

111. OLD TESTAMENT SCRIPTURE STUDIES. (2)
A study in depth of selected Old Testament writings. Prerequisite: RS 21.

116. NEW TESTAMENT SCRIPTURE STUDIES. (2)
A study in depth of selected New Testament writings. Prerequisite: RS 21.

122. GOD OF THE 20TH CENTURY. (2-3)
Reflective analysis of various concepts of God in modern thought, in order to evaluate the religious possibilities in contemporary culture.

131. JESUS CHRIST. (2-3)
Through reflective study, prayer, and sharing, this course will seek to discover more deeply the meaning and demands of Jesus Christ for Christians concerned about personal and corporate renewal.

141. CHRISTIANITY AND THE SECULAR CITY. (2-3)
A study of the Christian community in dialogue with contemporary secular society; analysis of new opportunities in forms of life and of mission; a study of the place of Mary within this community.

143. THE CHURCH AS RECONCILING COMMUNITY. (2-3)
An attempt to come to grips with some of the theological and pastoral implications of the Church considered as a community of biblical shalom amid the alienations of today's world.

144. CELEBRATION AND SERVICE. (2)
Involvement in planning, celebrating, and understanding liturgy.

145. THE CHRISTIAN COMMUNITY AT WORSHIP. (2-3)
A study of the liturgical celebrations of Christian community in their changing cultural expression; religious celebration in the home and its role in forming the family community.

149. COMPARATIVE RELIGIOUS THOUGHT. (2)
A comparative analysis of selected areas of religious belief in eastern and western churches.

151. FAITH: PERSONAL AND COMMUNAL. (2-3)
A probing of the meaning of faith in the contemporary world.

152. CHRISTIAN RENEWAL: A LENTEN EXPERIENCE. (1)
A lecture-media-discussion series aimed at the renewal of one's heart and life. Attendance at the six sessions is the only requirement of the course.

156. MORAL ISSUES. (3)
Presentation of a Christian ethical system and a study of contemporary moral problems in light of that system.

158. LOVE, SEX AND MARRIAGE. (3)
The meaning of love; how to integrate sex into one's personal existence; how to make

marriage "work." Discussion of birth control, abortion, divorce and remarriage.

164. CONTEMPORARY RELIGIOUS THINKERS. (2-3)
An investigation of the writings of selected religious thinkers, to discern their contribution to contemporary theology.

167. THEOLOGY OF SOCIAL CHANGE. (2-3)
A search for Christian attitudes toward various sociological, economic, and political problems, such as human rights, poverty, population control, war and peace, business ethics.

172. THE ADOLESCENT AND RELIGION. (2)
A study of the psychology of religious development in the adolescent.

173. PRE-ADOLESCENT RELIGIOUS EXPERIENCE. (2-3)
A study of effective approaches, activities, and religious celebration for the elementary age child.

174. VALUE-PROBING TECHNIQUES FOR RELIGIOUS EDUCATION. (2-3)
This course is planned to help those who work with Christian adolescents and adults. It covers techniques for using media as effectively as possible.

175. COORDINATING PARISH RELIGION PROGRAMS. (1)

176. INNOVATIVE CCD PROGRAMS. (1)

181. TEACHING SACRAMENTS AND PRAYER. (1- 2)
A brief study of the theology of sacrament and prayer with an investigation of methods and approaches to teaching.

182. CATECHETICS TODAY: RELIGIOUS EDUCATION OF CHILDREN. (2)
A study and evaluation of themes, approaches, and texts related to the religious education of children.

183. CATECHETICS TODAY: RELIGIOUS EDUCATION OF THE ADOLESCENT. (2)
A study and evaluation of themes, approaches, and texts related to the religious education of the adolescent.

191. COMMUNICATION: EXPLORING MEDIA FOR RELIGIOUS EDUCATION. (2)
A study by specialists in communications media: film, literature, drama, art, music.

192. DYNAMICS OF GROUP COMMUNICATION. (1-2)
A psychologist's insights into the dynamics of communication with special reference to religious education.

193. COMMUNICATION AND LEADERSHIP DYNAMICS. (2-3)
The purpose of this course is to help teachers, discussion leaders, parish coordinators, etc. handle groups as effectively as possible.

195. INSTRUCTIONAL MEDIA IN RELIGIOUS EDUCATION. (2-3)
This course is designed to provide knowledge and skill in the selection, preparation of various forms of instructional media to be used in religious education.

196. METHODS AND INSTRUMENTS OF EVALUATION IN RELIGIOUS EDUCATION. (2-3)
This course is planned to help teachers prepare meaningful evaluations of student's class work and participation. It is also designed to help parish coordinators evaluate their programs in religious education. A variety of instruments and methods will be studied.

197. INDEPENDENT STUDY. (2-3)
Approved and directed in-depth study of a specific area of theology, according to student need and interest. Limited to majors.

198. FIELD EXPERIENCE IN RELIGIOUS EDUCATION. (3)

199. PRACTICUM. (3)
Period of actual experience in one of the specialized areas of religious education, with departmental guidance and supervision. (Required of full-time students only.)

Social Work (SW)

Major: 31 semester hours with the following courses required: SW 111 or 112, 121, 131, 141, 199 and Co-SWAP semester or equivalent; and 12 hours of sociology and 12 hours of

psychology (chosen with approval of the major adviser).

Minor: Prerequisites: So 11 and 15-16 hours of social work courses (chosen with approval of the minor adviser).

111. FIELD OF SOCIAL WORK I. (3)
Historical development of social work and the roles of the social worker in a variety of settings. The student will be provided with an overall view of the current fields of social work.

112. FIELD OF SOCIAL WORK II. (3)
Student becomes acquainted with the role of a social worker through a laboratory experience (Housing Project) and is given the opportunity to work with three ethnic groups (Black, Mexican and Anglo). The course provides a link between the Avila campus and the inner city; and helps the student to develop an understanding of social work values.

121. SOCIAL WELFARE AS A SOCIAL INSTITUTION. (3)
An analysis of policies and programs directed at specific social problems. A study of the growth and development of social welfare.

131. PHILOSOPHY AND POLICIES OF SOCIAL WELFARE. (3)
An evaluation of the values and beliefs which influence the policy of agencies providing social work services. Private and public Social Welfare agencies will be visited which provide a variety of social welfare services.

141. SOCIAL WORK PRACTICE I. (3)
Introductory course of problem solving methods used in social work. Study of ethics, interviewing and counseling skills, data gathering, group interactional skills, community studies and social work roles.

150. READINGS IN SOCIAL WORK. (1-3)
Selected readings on social conditions and social problems in the social work field.

198. INDEPENDENT STUDY. (1-3)
The student independently pursues an approved and directed in-depth study of a specific area of social service according to his needs and interests.

199. SOCIAL WORK SEMINAR. (3)
The student will plan and complete a social work project and prepare an assessment and evaluation of the project. This course is designed to be the last course in the social work sequence and will integrate the student's total course content and field experience.

The following courses are taught at the Urban Center, 11th and Broadway, and are known as the Co-SWAP Program (Cooperative Social Welfare Action Program).

AMERICAN INDIAN PROGRAM (8)
(8 weeks)
Held from June to August in New Mexico and Arizona.

152. FIELD EXPERIENCE SEMINAR. (2)
The student has the opportunity to discuss, explore and share with other students the type of field placement they are involved in and the problems they have encountered in their work.

153. FIELD EXPERIENCE. (6)
On an Indian reservation in New Mexico or Arizona in a variety of health, education and welfare agencies serving Indian people.

Co-SWAP Interim. (4) (4 weeks in January):

171. FIELD EXPERIENCE. (3)
Four days a week will be spent in field experience in one social welfare agency in the Kansas City metropolitan area.

172. FIELD EXPERIENCE SEMINAR. (1)
Students have the opportunity to discuss the various field placements and problems encountered in their work.

Co-SWAP Urban Semester, Fall and Spring (16) (183 and 185 offered in summer also)

181. SOCIAL WORK PRACTICE II. (2)
Continuation of SW 141 with an emphasis on in-depth study and practice of interviewing skills and counseling techniques. Prerequisite: SW 141 or permission of instructor.

182. SOCIAL PSYCHOLOGICAL FOUNDATION OF HUMAN FUNCTIONING. (2)
Basic principles of human functioning and role relationships, systems in human services with an emphasis on the Aging. Prerequisite: Ps 121 or permission of instructor.

183. FIELD INSTRUCTION SEMINAR. (2)
Integrative course that provides the student with an opportunity to explore, share and express their role and functional responsibilities in the field instruction setting.

184. URBAN WELFARE. (4)
Exploration of social problems, policies related to these problems and contemporary methods developed to deal with these problems in the context of the urban environment. Prerequisite: SW 121 or permission of instructor.

185. FIELD INSTRUCTION. (6)
Three days a week (approximately 340 clock hours) will be spent in field instruction in two agencies in the metropolitan area.

Sociology (So)

Major: So 11, 12; Ma 50 (prerequisites for major in sociology) and 27 hours of upper division sociology. To be included in the 27 hours of upper division sociology are So 171, 172, 181 and one course in each of the following areas: Area II, Area III, Area IV, Area V, and Area VI.

Practicum requirement: one Interim experience is required. This is to be a practicum off-campus.

Graduation requirement: as partial fulfillment of the academic requirements for a degree in sociology, each student must complete the following requirements:

a. Take the Graduate Record Examination in sociology.

b. Choose one of the following:
   1) Write a research paper on some area of sociological concern under the supervision of a faculty member. The paper must be approved by the faculty of the Sociology Department and grades received will be placed on the permanent record of the student.
   2) Take a written comprehensive examination on the course work completed in the Sociology Department. This examination will be constructed and graded by the faculty of the Sociology Department. The grade received will be placed on the permanent record of the student.

c. Each student will be examined orally by the faculty of the Department sitting as an examining board. The oral examination will cover either thesis material or comprehensive material.

Minor: So 11, 12; twelve hours upper division sociology with each course selected from a different area.

AREA I: THEORY AND METHODS

171. DEVELOPMENT OF SOCIAL THEORY

172. CONTEMPORARY SOCIAL THEORY

181. INTRODUCTION TO METHODS OF SOCIAL RESEARCH

188. SOCIOLOGY PRACTICUM

199. SENIOR SEMINAR

AREA II: SOCIAL INSTITUTIONS

111. THE FAMILY (FORMERLY MARRIAGE AND THE FAMILY)

112. SOCIOLOGY OF HEALTH AND ILLNESS

155. POLITICAL SOCIOLOGY

AREA III: SOCIAL PSYCHOLOGY

121. INTERGROUP CONFLICT AND PREJUDICE (MINORITY GROUPS)

153. COLLECTIVE BEHAVIOR

161. SOCIAL PSYCHOLOGY

AREA IV: SOCIAL PROCESSES AND SOCIAL CHANGE

131. COMMUNITY STUDIES (FORMERLY URBAN SOCIOLOGY)

132. SOCIAL CHANGE

186. DEVIANT BEHAVIOR (FORMERLY CRIMINOLOGY)

AREA V: COMPARATIVE STUDIES

122. WRITINGS OF BLACK INTELLECTUALS

141. CULTURAL ANTHROPOLOGY

187. INDIANS OF THE AMERICAS

AREA VI: WOMEN'S STUDIES

129. SOCIALIZATION AND ROLES OF WOMEN

129. SOCIOLOGICAL PERSPECTIVES

11. INTRODUCTION TO SOCIOLOGY. (3)
Survey of the characteristics of social life, the processes of social interaction, and the social influences shaping individual behavior. No prerequisite. 2 hours lecture and 1 hour discussion per week. I and II

12. AMERICAN SOCIETY. (3)
Analysis of the structure, processes, and problems of American society. Course requires an off-campus practicum. No prerequisite: II

111. THE FAMILY. (3)
Examination of the major aspects of the family as a social institution; the current trends, changing nature, and possible developments of the family in the future. II

112. SOCIOLOGY OF HEALTH AND ILLNESS. (3)
How various cultures and socio-economic groups view health and illness; how they deal with health problems that arise; and how the current system of health care affects individuals. Prerequisite: So 11. Off-campus practicum required. I and II

121. INTERGROUP CONFLICT AND PREJUDICE. (3)
Study of dominant/minority relations in modern societies. Course content includes analysis of alternative sociological and psychological theories of prejudice, effects of minority status upon the individual and possibility for attitude and behavior change. Course offered on alternate years. II

122. WRITINGS OF BLACK INTELLECTUALS. (3)
A survey and critical analysis of the literary, historical, and sociological products of the major black writers of the 20th century which are central to present day issues and problems of black-white relations in the United States. I

129. SOCIALIZATION AND ROLES OF WOMEN. (1)
Analysis of the socialization and education of the American female; the consequences of this socialization; and the roles women traditionally perform and may perform in the future. I

129. SOCIOLOGICAL PERSPECTIVES. (1)
Comparative analysis of the role of women in other societies in relation to career patterns, marriage, child-rearing and fertility practices. The course will also include a section on minority females in American society. II

131. COMMUNITY STUDIES. (3)
The study of present day, major communities as social systems and man as a participant in them. Deals with the theories of community, community change and community problems; the methods of community research and the literature of community studies. I

132. SOCIAL CHANGE. (3)
Review of the major theories of social change, the sources, processes, counter forces and consequences of social change. The role of change agents in societal change. II

141. CULTURAL ANTHROPOLOGY. (3)
A broad survey of social structures; economic, political and religious systems and other institutional aspects of primitive societies. A cross cultural approach.

143. CULTURE AND PERSONALITY. (3)
Sociological and anthropological studies of the ways in which personality may function in or influence social systems. Prerequisite: So 141.

153. COLLECTIVE BEHAVIOR. (3)
Investigation of the characteristics of crowds, mobs, publics, social movements. Relation of collective social behavior to social unrest and role in developing and changing social structure. Course offered on alternate years. II

154. TOPICS IN SOCIOLOGY. (3)
Seminar on topics of current interest in sociology. Content variable. Prerequisite: So 11. Course offered on alternate years. Interim

155. POLITICAL SOCIOLOGY. (3)
Analysis of socio/cultural components of who gets involved in politics, why they get involved, and types of political activity in which the individual participates. Also concerned with the political issues of American Society as well as the question of Mass Society. Prerequisite: So 11. Off-campus practicum required. Course offered on alternate years. I

161. SOCIAL PSYCHOLOGY. (3)
Study of the formation, structure, and functioning of groups including an analysis of group processes and group products in relation to the individual: his attitudes, beliefs, preceptions of self and others. I

165. SOCIOLOGY OF EDUCATION. (3)
Socio/cultural analysis of the educational institution: its structure, functions, problems, and prospects. Course taught on alternate years. II.

171. HISTORY OF SOCIOLOGICAL THEORY. (3)
The masters of sociological theory and the effects their own life-styles and the milieu in which they lived and worked had upon the character and substance of their thought. II

172. CONTEMPORARY SOCIAL THEORY. (3)
Study of the current theories, major issues, problems, and advances central to the sociological theory of the 1970's. Prerequisite: So 171. Offered on alternate years. II

181. INTRODUCTION TO RESEARCH METHODS. (3)
Introduction to methodology and techniques; formulation of research problem; study design; hypothesis; sampling; measurement; questionnaire construction; interviewing and data collection; processing and tabulation; analysis and interpretation; presentation of findings. Students participate in survey research project. Course taught on alternate years. I

186. DEVIANT BEHAVIOR. (3)
Analysis and study of the nature, causation, social processes and consequences of deviance. Deals with the agencies and mechanisms for social control of deviance. II

187. INDIANS OF THE AMERICAS. (2)
Ethnographic studies of selected Indian cultures of North, Central and South America. Projective and nonprojective aids. Discussion seminar. II

188. SOCIOLOGY PRACTICUM. (3)
Off-campus observation-participation, living-learning experience in social welfare/human services agencies and community development programs; internships in business, government and industry related to social problems and aspects. Interim

199. SENIOR SEMINAR. (3)
For senior majors completing research papers as partial fulfillment for degree in sociology. I and II

Spanish (Sp)

Major: Sp 11, 12, 16, 17 or their equivalent; Twenty-eight hours in upper division Spanish including Sp 122, 132, 142, 144, 146, 151, 152, 161, 162.
A minor in a related field is optional.

Minor: Sp 11, 12, 16, 17 or their equivalent; twelve semester hours in upper division Spanish.

All Spanish majors and minors are required to spend at least two hours a week in the language laboratory.

11, 12. ELEMENTARY SPANISH. (4, 4)
Elements of the language; aural comprehension, oral ability, reading and writing of simple Spanish. Two hours a week laboratory period. For students beginning Spanish or presenting one unit of high school Spanish.

16. INTERMEDIATE SPANISH CONVERSATION. (3)
Self-expression through systematic practice. Oral training through selected readings. Prerequisites: Sp 11, 12 or their equivalent.

17. INTERMEDIATE SPANISH COMPOSITION. (3)
Review of Spanish grammar and emphasis on basic writing techniques. Prerequisite: Sp 16 or equivalent.

122. PENINSULAR SPANISH CIVILIZATION IN CONVERSATION. (3)
A panorama of the culture and general history of Spain.

132. ADVANCED SPANISH CONVERSATION AND COMPOSITION. (3)
Intensive oral and written practice. Emphasis on self-expression and automatic response in a higher level of the language. Grammar structures and idiomatic expressions aimed to the acquisition of a wider vocabulary.

142. IBEROAMERICAN CIVILIZATION IN CONVERSATION. (3)
A panorama of the culture of "Iberoamerica." Discussions about the origin of the American man, the confrontation of two cultures at the time of discovery; the colonial life and the struggle for independence; the Mexican revolution of 1910; cross cultural and communication problems are some of the feature topics of the course.

143. MINI-STORIES. (2-3)
A selection of readings aimed to stimulate creative thinking through analysis of one of the most popular and imaginative genres of today. Provides for independent study with the approval of the instructor.

144. TRANSCULTURAL APPROACH TO THE MODERN SPANISH STAGE. (3)
A study of various outstanding contemporary Spanish plays considered in their cultural, sociological and literary context. Lorca, Casona, Sastre and Buero-Vallejo among the playwrights to be studied.

145. IBEROAMERICAN FOLKLORE. (2-3)
An exciting learning experience aimed to provide students with a minimum background of the customs, beliefs, popular songs, dances, meals, proverbs and traditional folkstories. A useful course for better understanding the attitudes, values, emotions, ideals and appreciations of our American neighbors south of the border. Interim

146. CONTEMPORARY IBEROAMERICAN THEATRE. (3)
A selection of today's representative plays from Central and South America covering the best playwrights of fifteen countries including Mexico.

147. FICTION OF THE MEXICAN REVOLUTION. (3)
The Mexican Revolution of 1910 seen through its most outstanding novelists. Offered in Spanish or in English translation, the course provides for independent study with the approval of the instructor.

151, 152. STUDIES IN PENINSULAR SPANISH LITERATURE. (3, 3)
Selected works representative of each literary period. Evaluation of significant authors

through the reading of their writings. Alternate years.

161, 162. STUDIES IN IBEROAMERICAN LITERATURE. (3, 3)
Selected works representative of each literary period. Evaluation of significant authors through the reading of their writings. Alternate years.

196, 197, 198, 199. PRACTICAL SPANISH SEMINARS. (1-4)
Directed readings in Spanish literature, conferences, research papers. Provides for independent study-work with the approval of the instructor.

ED 195. TEACHING OF SPANISH IN THE SECONDARY SCHOOL. (2)
See Ed 195 in the Education section.

Speech and Theatre (ST)

Major: ST 35, 36, 120, 121, 124, 126, 132, 133, 190, 198 and at least twelve hours pertinent to the student's emphasis are required.

As a partial fulfillment of the requirements of ST 190, the student in his senior year will prepare a project with faculty guidance in which he will have the opportunity to exhibit his major emphasis, interests, and talents.

Minor: Twenty-eight hours as listed above.

11. SPEECH COMMUNICATION. (2)
Introduces the student to the principles and enables him to acquire basic skills of effective oral communication.

14. VOICE PRODUCTION I. (2)
Exercises in relaxation, breath control and production of tone graduating to the mechanics of diction, articulation, pitch, rate, and stress. The training of the ear and evaluation of what is heard through the use of recordings and tapes. The study of singing technique is encouraged, although not required, as a valuable adjunct. A course for anyone who wishes to develop the voice and speak with assurance.

15. VOICE PRODUCTION II. (2)
A cumulative course building on the techniques of ST 14 to ensure the continued development of a resonant, flexible and expressive voice. Practice in the oral readings of prose, poetry, and drama to sense texture and conventions indigenous to different forms. The focal point of voice work is to enable the student to achieve relaxation of the body coupled with an intellectual and emotional alertness, for only when speech and feeling are fused can the speaker achieve vocal expressiveness. Prerequisite: ST 14 or permission of instructor. Following the completion of ST 14-15, the student may enroll in as many semesters of Voice Production as he chooses.

16. ORAL INTERPRETATION OF LITERATURE I. (2)
Designed to increase the student's ability to communicate prose, poetry and drama from the printed page to an audience. Emphasis on expanding the understanding and enjoyment of literature and an awareness of rhythm, verbal melody and emotional shading appropriate to the selection. The initial course evolves into the building of programs for presentation on campus and a thorough criticism and evaluation of the individual's own reading and those of his classmates.

35. ACTING I. (3)
Training in the basic elements of the performer's craft and emphasizing sensitivity training, imagination, concentration, physicalization, sense memory, emotional recall, specific objectives, mime and vocal communication. One of the primary aims of the course is to rid the student of self-consciousness, embarrassment and inhibitions experienced in group work or when appearing before the public. Requirement: audition for major productions.

36. ACTING II. (3)
A continuation of ST 35 with emphasis on scene work culminating in a campus presentation of scenes or one-act plays. As the student begins to achieve an understanding of the tools of his trade, he can

recreate the illusion of real life as expressed in the vision of the playwright. Script analysis preparatory to "building a character" is examined, practiced and developed with an awareness of audience impact. Requirement: audition for major productions. Prerequisite: ST 35 or permission of instructor.

120. STAGECRAFT. (3)
Scenery construction and general stagecraft. Fundamental elements of stage design.

121. STAGECRAFT II. (3)
Principles and theories of lighting stage productions.

124. STAGE MAKE-UP (1)
Techniques in application of make-up for specific characterizations, both straight and character. Study of the structure of the face and its relationship to make-up.

125. COSTUME CONSTRUCTION. (2)
Techniques of costume construction including a study of fabrics, color, fundamentals of pattern making; design and construction of costumes for stage productions.

126. HISTORY OF COSTUME. (3)
Survey of historical dress from the Egyptians to the present, with special emphasis on those periods most often used in theatrical productions.

131. INTRODUCTION TO THEATRE. (3)
Analysis and class discussion of representative plays, attendance at current productions; involvement in Actors Laboratory Theatre productions. For non-theatre majors.

132. HISTORY AND LITERATURE OF THE THEATRE I. (3)
Development of theatre and drama from Greek period to Elizabethan.

133. HISTORY AND LITERATURE OF THE THEATRE II. (3)
Development of theatre and drama from Elizabethan period to present.

135. PLAYWRIGHTING. (3)
Basic techniques of writing for the stage. Prerequisites: ST 132-133 and 141.

140. SCENE DESIGN. (3)
Principles and theories of design for stage settings. Emphasis upon working drawings and perspective renderings. Prerequisite: ST 120.

141. MODERN DRAMA. (3)
See En 141.

150. SHAKESPEARE IN THE MODERN WORLD. (3)
See En 150.

151. TELEVISION PRODUCTION I. (3)
Techniques of television production with emphasis upon equipment operation.

152. TELEVISION PRODUCTION II. (3)
Techniques of television production with emphasis on complex programming and production problems.

161. ORAL INTERPRETATION OF LITERATURE II. (2)
An extension of ST 16 with continued work in theory, exercises and application of the techniques of oral interpretation. At this level there is greater involvement with classical forms and exploration into areas of Readers Theatre and Chamber Theatre. The focus is placed on programs of performance quality. Prerequisite: ST 16 or permission of instructor.

165. STAGE MANAGEMENT. (3)
Techniques of stage managers in production.

166. THEATRE MANAGEMENT. (3)
Survey of business management in educational, community, and professional theatre.

170. ADVANCED LIGHTING. (3)
Advanced problems in stage lighting.

175. REPERTORY THEATRE (Technical). (3)
Construction of scenery, lights, sound, properties, and costumes in preparation for repertory.

176. REPERTORY PRODUCTION. (3)
Participation in repertory performances.

181, 182. ADVANCED ACTING I, II. (3, 3)
Primarily slanted toward the student carrying an emphasis in "Acting/Directing." A study of special problems of playing all styles of acting as related to the skills of the specific student. A broadening of the uses of improvisation, mask work, sensitivity exercises and a fusion of prior work in voice, movement and acting. Stress is placed on the art of ensemble acting. Participation in theatre production is mandatory. Prerequisites: ST 14, 15, 35, 36 and approval of instructor.

183. CREATIVE DRAMATICS. (2)
Methodology, techniques, and philosophy of working with children in creative dramatics programs with specifics for various age levels. (Lab work with children.)

ED 184. SPEECH FOR THE ELEMENTARY SCHOOL. (2)
Procedures and techniques for teaching speech as an aid to the classroom teacher with or without special training in speech. Voice training, bodily activity, rhythm, curricular correlation, and extracurricular activities.

185. CHILDREN'S THEATRE. (3)
Play production for the child audience. Directing, scene design and techniques for staging. Participation in production required.

190, 191. DIRECTED STUDIES/TUTORIALS I, II. (3, 3)
This course is directed toward fulfilling the particular needs and interests of the individual student as he nears graduation. In the event the student feels the need to strengthen a particular area of speech and theatre or a desire to pursue advanced study in his major emphasis, he may undertake this project under the supervision of the faculty of the department. His "project" may be realized through research, performance, or production (or any combination of these) and will be limited only by his own daring and imagination. Requirement: senior standing and departmental approval.

ED 195. TEACHING OF SPEECH IN THE SECONDARY SCHOOL. (2)
Methods and materials for developing skill and proficiency in all types of speech and in specialized types of performance.

198, 199. PLAY DIRECTING I, II. (3, 3)
The student deals primarily with the study and technique of visual dramatization, motivation and use of movement, pantomime and utilization of tempo and rhythm. Study of types of plays, styles of production, casting techniques, planning and conducting rehearsals, director-actor relationships, projection of values to the audience, and other responsibilities of the director. It is suggested that this course be taken in the senior year (in no case earlier than the junior year) and that, in addition to the necessary theatre courses, the student be prepared to bring to the course a background in as many of the following as possible: art, music, literature, psychology, sociology and philosophy. The young director will direct his cast comprised of acting students in a formal presentation of one-act plays and will serve in a major capacity in the theatre productions. Prerequisites: ST 35, 36, 120, 121, 132, 133, and two semesters of movement.

Administration

BOARD OF TRUSTEES

Alfred J. Blasco, Senior Vice President, Interstate Securities Corporation, Kansas City, Missouri. Chairman

Sister Mary Laurent Duggan, Provincial Superior, St. Joseph Provincialate, St. Louis, Missouri

Sister Olive Louise Dallavis, President, Avila College, Kansas City, Missouri

Sister Mona Marie Buergler, Provincial Treasurer

Mrs. Clarence Goppert, Director, Goppert Foundation, Prairie Village, Kansas

Norman P. Gordon, Attorney and Senior Partner, Gordon, Adams, Niewald, and Risjord, Kansas City, Missouri

Ole C. Jensen, C.P.A., Principal, Arthur Young and Company, Kansas City, Missouri

Julian Knopke, President, Contractors Supply Company, Kansas City, Missouri

William D. Webb, Attorney and Executive Secretary, Kansas City Power and Light Company, Kansas City, Missouri

ADMINISTRATIVE OFFICERS AND STAFF

Sister Olive Louise Dallavis (1952) President. B.M., Fontbonne College; M.M., University of Illinois.

G. Richard Scott (1964) Academic Dean, Associate Professor of History and Political Science. B.A., M.A., Central Missouri State College.

Ronald J. Bennett (1969) Director of Development. B.S., Kansas State University.

Lynn Cupkie (1972) Dean of Students, Associate Professor of Psychology. B.A., M.S.Ed., St. Cloud State College; Cand. Ph.D., University of Missouri-Kansas City.

Sister Anna Schlett (1959) Registrar. B.S., Fontbonne College.

Derryl D. Rome (1971) Director of Admissions. Wichita State University.

Sister Una Marie Brumback (1969) Librarian. Associate Professor of Library Science. B.A., Fontbonne College; M.A., College of St. Catherine.

Eugene Levy (1973) Assistant Librarian and Assistant Professor of Library Science. B.A., M.A., M.L.S., University of Missouri-Columbia.

Reverend Francis J. Schuele (1972) Director of Campus Ministry and Instructor in Religious Studies. B.A., Conception Seminary; S.T.L., Pontificia Universitas Gregoriana.

Elaine Brand (1973) Coordinator of Counseling Center and Assistant Professor of Psychology, B.S., University of Wisconsin; M.S., Ph.D., University of Missouri-Kansas City.

Robert Rehder (1973) Coordinator of Student Life. B.A., St. Cloud State College.

Kenneth Wever (1973) Business Manager. Northwestern State College.

Beverly Raynor (1972) Director of Public Relations. B.A., University of Missouri-Kansas City.

James Scudder (1971) Assistant Director of Admissions. B.A., Ottawa University.

Catherine Jennewein (1972) Admissions Counselor. B.A., Marycrest College.

Julie McManus (1973) Director of Institutional Research and Grants. B.A., Avila College; M.A., University of Missouri-Kansas City.

BOARD OF COUNSELORS

Richard F. Adams
Richard A. Altman*
Edwin Borserine*
Kathleen Borserine
Henry A. Bundschu*
Howard Bunton
Gar Cantrell
Mrs. Edwin F. Clarkson*
Richard Coleman
Roy E. Daly*
Paul DeBacco
Bernard Dickens
Gerald T. Elliot
John J. Fallon
Harold B. Fisher*
James Flanagan
Dr. Braham Geha*
James Green
Stephen Hodes
Angela Hoedl*
Justine Hopper*
Virginia Irvine
Ole C. Jensen
Howard Kaye
John J. Kitchin
Helm Lillis, Chairman
Mrs. Roy Martin
Henry Massman III
Mary Jo McCann
Francis J. McElhatton*
Joseph J. McGee, Jr.*
Ernie Mehl
Carl Migliazzo*
John O'Hern
Jerry T. Powell
Mrs. Helen deClercq Reedy
Robert Reintjes
Ellis Shook
Edmund B. Smith
Jerome A. Smith*
Charles Stevenson
Joseph R. Stewart
Arthur R. Stock*
Byron G. Thompson
Edward A. Thornhill
Jack Wheeler*
Dorothy Whitfield

***Honorary members**

MEMBERS OF THE FACULTY

Dorothy Adams (1973) Instructor in Art. B.A., University of Texas in Austin; M.Ed., College of William and Mary.

Jane Adelsberger (1966) Associate Professor of English and Chairman of the Department of Modern Languages. B.A., Fontbonne College; M.A., Ph.D., University of Notre Dame.

William Aimonette (1972) Instructor in Business. B.S., Millikin University; J.D., University of Missouri-Columbia; LL.M., University of Missouri-Kansas City

Bonnie Ainsworth (1970) Instructor in Nursing. B.S.N., University of Kansas.

Florence Beck (1940-1963) Professor Emerita. Philosophy.

John Bopp (1972) Instructor in Psychology and Counselor. B.A., Immaculate Conception College; M.S., Chadron State College.

Ruth Bridgens (1973) Instructor in Nursing. B.S.N., University of Missouri.

James Browning (1973) Instructor in the Administration of Justice. B.S., Central Missouri State University.

George Bryde (1954) Associate Professor of Philosophy. B.A., M.A., Saint Louis University; M.A., University of Missouri-Kansas City.

Dorothy Canham (1972) Instructor in Education. B.S., Baker University; M.S., University of Michigan.

Ron Coles (1971) Assistant Professor of Speech and Theatre. B.A., University of Miami; M.A., University of Missouri-Kansas City.

Karen Conley (1972) Instructor in Nursing. B.S.N., University of Kansas.

James J. Craig (1972) Instructor in Art. B.A., Hillsdale College; M.A., California State College, Fullerton.

James Dechant (1972) Instructor in Social Work. B.A., Pontifical College; M.S.W., University of Kansas.

Jeremy DeWick (1972) Instructor in Business. B.A., Baker University; M.B.A., Texas Technological College.

Nancy Diddle (1970) Instructor in Nursing. B.S.N., University of Kansas.

Judy Dobbels (1973) Assistant Professor of Nursing. B.S.N., University of Kansas; M.A.Ed., University of Missouri-Kansas City.

Sister Colette Marie Doering (1970) Assistant Professor of Art. B.A., Fontbonne College; M.A., University of Illinois.

Edward W. Donovan (1973) Assistant Professor of Biology. B.S., Pembroke State College; M.S., Clemson University; Ph.D., Indiana State University.

Sister Marie Georgette Eschbacher (1962) Professor of Education and Chairman of the Department of Education and Psychology. B.A., Fontbonne College; M.A., St. John College, Cleveland; Ph.D., Catholic University of America.

Marilyn Esser (1973) Instructor in the Laboratory Classroom. B.A., Avila College.

Jacqueline Fadden (1968) Instructor in Home Economics. B.S., Mundelein College; M.S., Drexel Institute of Technology.

Mary Ann Fairchild (1970) Instructor in English. B.A., Avila College; M.A., Saint Louis University.

Ida Rose Feingold (1969) Instructor in Education. B.S., Teachers College of Kansas City; M.A., Columbia University.

Sister Mary Fitzpatrick (1972) Instructor in Mathematics. B.A., Loretto Heights College; M.S., DePaul University; Ph.D., Catholic University of America.

Sister Rita Flaherty (1968) Assistant Professor of Mathematics. B.A., Fontbonne College; M.A., Saint Louis University.

Sister Paulette Gladis (1973) Assistant Professor of Business and Economics and Chairman of the Department of Business. A.B., Fontbonne College; M.B.A., University of Notre Dame; Ph.D., University of North Dakota.

Sister Donna Loretto Gunn (1972) Instructor in Speech and Theatre. B.A., Fontbonne College; M.A., Indiana University.

Sister Marie Joan Harris (1970) Assistant Professor of Chemistry and Chairman of the Department of Natural Sciences and Mathematics. B.A., Fontbonne College; Cand. Ph.D., University of Kansas.

Kathleen Hartman (1971) Instructor in the Laboratory Classroom. B.A., Avila College.

Sister Felice Helmes (1948) Professor of Speech and Theatre. B.A., Fontbonne College; M.A., Catholic University of America.

Helen Hill (1970) Assistant Professor of Nursing. B.S.N.Ed., Saint Louis University; M.S.N., University of Kansas.

Martha Hopkins (1971) Instructor in Nursing. B.S.N., University of Missouri-Columbia; M.S.N., Saint Louis University.

Eileen Hubsky (1970) Assistant Professor of Nursing. B.S.N., Montana State University; M.N., University of Washington.

Virginia Johnston (1971) Coordinator of Medical Technology. B.S., University of Minnesota.

Kathryn Kelm (1973) Instructor in Business. B.A., Avila College.

Mary Kottwitz (1971) Instructor in Nursing. B.S.N., Avila College.

Sister Pachomia Lackey (1924-1965) Professor Emerita. Mathematics.

Antonio Tony Leon (1966) Assistant Professor of Education and Spanish. B.A., Havana's No. 1 Institute, Cuba; LL.D., University of Havana; M.A., University of Missouri-Kansas City.

H. Paul LeMaire (1973) Associate Professor of Religious Studies. A.B., M.A., Berchmans College; S.T.L., Woodstock College; Ph.D., University of Strasbourg.

Norma Lee Lewis (1962) Associate Professor of Nursing and Chairman of the Department of Nursing. B.S.N., Avila College; M.S., University of Colorado.

Beverly S. Lindsey (1972) Assistant Professor of Nursing. B.S.N., University of Missouri-Columbia; M.S., University of Colorado.

William J. Louis (1973) Associate Professor of Speech and Theatre and Chairman of the Department of Fine Arts. A.B., M.A., Boston College; Ph.D., Stanford University.

Sister de La Salle McKeon (1945) Professor of Music. B.M., Fontbonne College; M.M., DePaul University; Ph.D., Eastman School of Music.

Sister Germaine Matter (1946) Professor of French. B.A., Fontbonne College; M.A., Saint Louis University; Ph.D., Laval University, Quebec.

Sister Virginia May (1968) Assistant Professor of French. B.A., Fontbonne College; M.A., Laval University, Quebec; Cand. Doctorat d'Universite Sorbonne, Paris.

Cynthia Mazzie (1973) Instructor in Nursing. B.S.N., Loyola University, Chicago.

Mary Meehan (1972) Instructor in Education. B.S., Teachers College; A.M., University of Missouri-Columbia; Ed.D., Pennsylvania State University.

Alfred Mettenburg (1973) Instructor in the Administration of Justice. B.S., University of Missouri.

Harold Mezile (1972) Instructor in Social Work. B.A., University of Missouri; M.S.W., University of Missouri.

Sister Barbara Ann Moore (1966) Instructor in Nursing. B.S.N., Avila College; M.S., University of California at San Francisco.*

---

*On leave for study.

Barbara Myers (1968) Assistant Professor of Education. B.S., Central Missouri State University; M.S., University of Kansas.

Dona K. Neuman (1968) Assistant Professor of Sociology and Political Science. B.A., University of California; Cand. Ph.D., Northwestern University.

Elizabeth Norris (1971) Instructor in Social Work. B.A., Immaculate Heart; M.S.W., University of Kansas.

Sister Audrey Olson (1965) Associate Professor of History. B.A., Loretto Heights College; M.A., Saint Louis University; Ph.D., University of Kansas.

C. Kermit Phelps (1961) Visiting Professor of Psychology. B.A., M.A., Ph.D., University of Kansas.

Sister Margaret John Purcell (1963) Professor of English. B.A., Fontbonne College; M.A., Saint Louis University; Ph.D., University of Missouri.

Nancie Raether (1970) Instructor in Dance and Physical Skills. B.A., Avila College.

Sister Margaret Reinhart (1945) Professor of Art. B.A., Fontbonne College; M.A., University of Missouri.

Rosemary Rejba (1973) Instructor in Nursing. B.S.N., Avila College.

Mary Frances Roberts (1971) Instructor in Nursing. B.S.N., M.N., University of Kansas.

Sally Robinson (1971) Instructor in Nursing. B.S.N., State University of Iowa; M.P.H., University of North Carolina.

Rev. Frank A. Schoen (1969) Instructor in Music. B.A., Immaculate Conception Seminary; S.T.B., Pontifical Gregorian University.

Jenean Sears (1971) Instructor in Nursing. B.S.N., University of Kansas.

Bobbie Sharpe (1971) Instructor in Education. B.A., Philander Smith College; M.S., University of Arkansas.

Sister Martha Smith (1965) Professor of History. B.A., Fontbonne College; M.A., Ph.D., Saint Louis University.

Nancy Stone (1972) Instructor in Nursing. B.S.N., University of Kansas.

Sister Ruth Stuckel (1966) Instructor in Philosophy. B.A., Fontbonne College; M.A., Fordham University; Cand. Ph.D., University of Kansas.

C. Larry Sullivan (1973) Instructor in Chemistry. B.S., University of Pittsburgh; Ph.D., Case Western Reserve University.

Sister Ann Dominic Tassone (1963) Associate Professor of Mathematics. B.S., Fontbonne College; M.S., University of Notre Dame.

Gaylin Thomas (1972) Assistant Professor of Music. B.A., Utah State University; M.A., Brigham Young University.

Daniel E. Tira (1973) Instructor in Psychology. B.S., Illinois Benedictine College (St. Procopius); Ph.D., Ohio State University.

David Uhlik (1973) Instructor in Biology. B.S., St. Edwards University; M.A., University of Texas, Austin; Ph.D., University of Missouri-Columbia.

Ila Jean Ulrich (1972) Instructor in Nursing. B.S.N., Colorado University; M.A., University of Missouri-Kansas City.

Elizabeth Vandever (1971) Instructor in Political Science. B.A., Indiana University; M.A., University of Missouri-Kansas City; Ph.D., University of Kansas.

Thomas A. Webster (1962) Associate Professor of Sociology. B.A., Lincoln University, Pennsylvania; M.S.W., University of Kansas.

Lena Wikramaratne (1968) Visiting Professor Pre-School Education. Certificate, Teachers College, Ceylon; A.M.I. Montessori Diploma.

Linda Witcher (1973) Instructor in Nursing. B.S., Midland College.

FACULTY IN MEDICAL TECHNOLOGY

St. Joseph's Hospital

Victor B. Buhler (1972). M.D., University of Kansas Medical School.

Joseph Monroe (1972). B.S. in Medical Technology, East Central State College, Ada, Oklahoma

St. Luke's Hospital

Richard T. O'Kell (1972). M.D., University of Tennessee.

Arla Baird (1972). B.S. in Medical Technology, Briarcliff College, Sioux City, Iowa.

St. Mary's Hospital

Thomas Fritzlen (1972). M.D., University of Kansas Medical School.

Thirsa Mae Smith (1972). B.S. in Medical Technology, University of Missouri-Kansas City.

Co-SWAP FACULTY

Judy K. Green (1971). B.A., Brandeis University; M.S.W., George Warren Brown School of Social Work, Washington University.

Martha R. Norris (1971). B.A., Loretto Heights College; M.S.W., University of Kansas; D.S.W., The Catholic University of America.

STANDING COMMITTEES

The president and academic dean are ex officio members of all college committees.

Committee on Educational Policies
academic dean, chairmen of departments, registrar, and two students

Committee on Admissions and Scholarships
academic dean, registrar, director of admissions, and three faculty members

Committee on Financial Aid
business manager, registrar, director of admissions, and financial aid coordinator

Committee on Library
librarian, assistant librarians, a faculty representative from each department, and two students

Committee on Teacher Education
chairman of the department of education and psychology, three faculty members, and two students.

Index

Academic information / 25
Academic regulations / 29
Accreditation / 1
Administration of justice / 34
Administrative officers / 73
Admission requirements / 13
Advanced placement / 16
Alumni association / 11
Application procedure / 14
Art / 34
Attendance / 30
Avila's uniqueness / 6
Awards / 11
Bachelor of arts degree / 25
Bachelor of science in medical technology degree / 26
Bachelor of science in nursing degree / 27
Biology / 36
Board of counselors / 74
Board of trustees / 73
Buildings / 9
Buildings, future / 8
Business / 37
Business course, two-year / 38
Calendar, 1973-1974 / 3
Calendar, 1974-1975 / 4
Chemistry / 41
Classification of students / 30
College entrance examinations / 13
Committees, standing / 78
Composition and language / 47
Cooperative programs / 17
Course descriptions / 33
Credit by examination / 16
Credit hours / 29
Credits, high school / 13
Dean's list / 30
Deferred payment plan / 20
Degree requirements / 25
Degrees / 25
Departments / 32
Dismissal / 31
Earth science / 43
Economics / 43
Education / 44
Educational programs / 7
Elementary education / 44
Employment, work-study / 29
English / 47
Examinations / 30
Expenses / 18
Faculty, full-time / 74
Financial assistance / 21
Foreign study / 18
Foreign students / 15
French / 50
Future plans / 8
Grading system / 29
Graduation honors / 30
Graduation requirements / 25
Grants, education opportunity / 22
Grants, tuition / 22
History / 51
History of the college / 6
Home economics / 53
Honor points / 30
Honor societies / 10
Interim, winter / 27
International studies / 53
Journalism / 53
Kansas City opportunities / 10
Lecture series / 10
Literature / 48
Loans / 22
Majors / 32
Mathematics / 53
Medical technology / 55
Memberships / 1
Military personnel and veterans / 15
Minors / 32
Montessori / 7
Monthly plan / 20
Music / 55
Natural science / 41
Nursing / 57
Nursing loans and scholarships / 23
Part-time students / 15
Payment of accounts / 19
Philosophy / 58
Philosophy of the college / 8
Physical education / 59
Physics / 60
Piano, organ, voice / 56
Plans, future / 8
Political science / 60
Pre-freshman admission / 16
Pre-school education / 44
Presenting Avila College / 6
Probation / 31
Psychology / 60
Refund policy / 20
Registered nurses / 15
Religious education / 62
Religious studies / 62
Scholarships / 21
Science education / 41
Secondary education / 44
Semester hours / 25
Social work / 64
Sociology / 66
Spanish / 69
Special education / 44
Special students / 15
Speech and theatre / 70
Staff / 73
Student load / 30
Theatre / 70
Theology / 62
Transcript of credits / 31
Transfer students / 14
Tuition / 18
Urban college / 10
Winter interim / 17
Withdrawal / 31

Colleges conducted by the
Sisters of St. Joseph of Carondelet

Avila College
Kansas City Missouri

Fontbonne College
St. Louis Missouri

Mount St. Mary's College
Los Angeles California

The College of St. Catherine
St. Paul Minnesota

The College of Saint Rose
Albany New York